

1882

City of Bangor. Mayor's Address; Also, the Annual Reports of the Several Departments, and the Receipts and Expenditures for the Municipal Year 1881-82.

Bangor (Me.)

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CITY OF BANGOR.



MAYOR'S ADDRESS;

ALSO, THE

ANNUAL REPORTS

OF THE SEVERAL DEPARTMENTS,

AND THE

RECEIPTS AND EXPENDITURES

For the Municipal Year 1881--82.



BANGOR:
Benjamin A. Burr, Printer.
1882.

MAYOR'S ADDRESS.

Gentlemen of the City Council:

In obedience to the voice of the people, heard through the ballot box, I stand before you to inaugurate our City Government for the ensuing year. And I take this opportunity to express to the Republicans of this city my appreciation of the honor conferred upon me in my election for the second term, and to assure them that whatever ability I possess will be devoted to the promotion of the best welfare of our city, and the economical management of her affairs.

By the favor of Divine Providence no epidemic has visited us the past year, and our State has been unusually free from destructive floods, disastrous tornadoes, and consuming fires, such as have visited many of our sister States, causing their people great anxiety and suffering.

In our City the willing laborer has found plenty of work at satisfactory compensation.

Taxes have never been paid more promptly or willingly. Less complaint has been made to the Assessors in regard to valuation, and less abatement solicited than for many previous years. The efficiency, wisdom and leniency of our Assessors, is shown in the late sales of real estate, which have exceeded their valuation.

Our homes cost us much money, even when prudently managed—as we add conveniences and privileges, the cost is increased. So with our City. If we would have the satisfaction of seeing our standard of credit maintained, our poor

reasonably cared for, our streets kept in condition to warrant the comfort and safety of those who travel them, our river made to supply our families with abundance of pure water in place of running to waste, our present character of schools sustained, and many other comforts, luxuries and blessings which we now enjoy, and demands in the future, we are not using sound judgment when we claim that our Assessors may lessen the rate of taxation laid upon us the past year.

I wish to express here the opinion that no employe of the City, from him who uses the pick and shovel upon our streets, to the highest official, should be required to work for less than is now allowed.

During the past year two of our number have finished the work given them to do. Councilman Cox died January 19th, Councilman Holt died March 10th. Both were social and useful members of our Council—earnest and faithful in performing all duties devolving upon them.

The enforcement of the prohibition act has been the most perplexing of any law upon our Statute books. Numerous methods have been adopted, none of which to-day are satisfactory to the temperance societies of our State or City. Its enforcement till the year 1872 was left entirely in the hands of the municipal authorities, when to more effectually enforce its provisions, the act known as the sheriff law was enacted, taking the power from municipal hands and placing it under the control of the Sheriff.

In our County, Sheriff Jerrard undertook its enforcement with all the zeal his temperance principles and official power suggested, yet in 1880 the friends of temperance, becoming dissatisfied with the Sheriff law of enforcement, demanded of

the Legislature an act, which in their judgment would more acceptably enforce prohibition, and the constabulary act became a law, under which one of our distinguished citizens, with great energy, large experience in police prosecutions, and extensive acquaintance with that class unlawfully dealing in intoxicating drinks, accepted an appointment offered by the Governor, and with industry and courage entered upon the work of his commission, which soon terminated with the close of his life, he not having obtained a single indictment. Since that time but little has been done by any authority to enforce prohibition.

A petition for the appointment of a constable under said Act has been in the Governor's hands for months, yet no appointment has been made. The conflict in authority may be easily seen and understood. And the important question still presents itself, how shall the law of prohibition be enforced? In my judgment, by municipal authority, so far as such authority can be sustained by public opinion. The police force know, better than any other power, the guilty parties, and with more certainty and less expense can bring them before our Courts. At the same time this force will move as fast and firmly as public sentiment will approve. The people must strengthen their hands in this work.

Did the enforcement of prohibition, or the labor of kind, benevolent, and patient friends bring out of the depths of drunkenness and misery the one hundred and forty-five reformed industrious men, whose names are now enrolled on the temperance pledge?

We cannot estimate the worth to our City of the "Reform Club" and "Ladies' Crusade," or the money saved to our

treasury by the untiring efforts of their members, in lifting the fallen and helpless, and in reclaiming the inebriate. I trust our citizens will give these associations substantial aid, sufficient to enable them to press forward with renewed courage in their work of love and reformation.

I invite your careful attention to the reports of the various departments, some of which are of great length and contain valuable information, especially those of the Treasurer, City Physician, City Engineer, Health Officer, School Committee, Bangor Water Board, Overseers of the Poor and Truant officer.

From the report of the City Treasurer, the following abstract has been made :

**Abstract of City Treasurer's Account, rendered
March 15, 1882.**

DEBITS.

1881.		
March 9.	Balance of cash on hand.....	\$21,490 62
1882.		
March 15.	Treasurer's notes discounted.....	62,000 00
	Collection of taxes for years 1873-1881, inclusive, covering abatements and discounts.....	247,411 67
	Credits to various Funds, exclusive of Appropriations.....	61,615 81
	Amount repaid by Bangor and Piscataquis R. R. Co., on account of coupons.....	44,000 00
	State of Maine for pensions advanced.....	828 00
	Amount received for redemption of Real Estate sold for unpaid taxes.....	1,541 10
		<hr/>
		\$438,887 20

1882.]

CITY OF BANGOR.

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CREDITS.

1882.

March 15.	Amount of Mayor's orders for year 1881-82...	\$298,593 24
	Paid State tax, 1881.....	39,361 60
	Paid County tax, 1881.....	16,327 65
	Paid coupons on city loan to B. & P. R. R. Co.	58,290 00
	Paid State pensions, to residents of Bangor..	828 00
	Refunded to purchasers, amount received for redemption of estates.....	1,541 10
		<hr/>
		\$414,941 59
	Balance on hand, cash.....	23,945 61
		<hr/>
		\$438,887 20

**Abstract of Collector's Account for year ending
March 15, 1882.**

1881.

March 9.	Balance of taxes uncollected for years 1873— 1880, inclusive.....	\$47,311 16
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1882.

October 8.	Commitment of tax for 1881.....	236,383 96
March 15.	Supplementary collections.....	262 98
		<hr/>
		\$283,958 10

CREDITS.

1882.

March 15.	Amount collected and paid into Treasury, including discounts and abatements.....	247,411 67
	Balance of uncollected taxes for years 1874-81, inclusive.....	36,546 43
		<hr/>
		\$283,958 10

**Statement of Receipts and Expenditures in the
Several Departments.**

Funds.	Amounts expended.	Appropriations and Credits.	Unexpended Balances.	Overdrawn Balances.
Highway.....	\$21,476 53	\$17,360 60	\$	\$4,115 93
Schools.....	31,715 91	32,689 94	974 03	
Pauper.....	19,138 38	19,242 09	103 71	
Incidental.....	13,320 61	13,870 26	549 65	
Salary.....	4,486 79	4,500 00	13 21	
Fire.....	14,630 10	15,037 50	407 40	
Police.....	9,204 14	8,878 84		325 30
Sewers.....	7,792 88	7,990 66	197 78	

Water	\$39,941 10	\$40,014 00	\$72 90	
City Agency.....	10,120 33	11,350 00	1,229 67	
Gas.....	4,636 23	4,600 00		36 23
Interest.....	21,149 28	20,681 92		467 36
Loans temporary..	62,000 00	62,000 00		
Loans permanent..	15,000 00	15,000 00		
Overlayings.....	3,543 75	11,094 71	7,550 96	
Discount 1881.....	20,437 21	20,000 00		437 21
	<hr/>	<hr/>	<hr/>	<hr/>
	\$298,593 24	\$304,310 52	\$11,099 31	\$5,382 03

Abstract of above.

Total amount of appropriations and credits.....	\$304,310 52
Total amount of expenditures.....	298,593 24

Net unexpended balance.....	<hr/>	\$5,717 28
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Statement of Dues to the City of Bangor, March 15, 1882.

Balance of Cash in Treasury.....	\$23,945 61
Uncollected taxes.....	36,546 43
Sewer assessments.....	852 10
Balance due from Bangor & Piscataquis Railroad Co. on advances for coupons on City loan.....	228,500 95

The assessed valuation of the City for 1881, is as follows:

Real Estate.....	\$6,352,973
Personal Estate.....	2,803,258

Total.....	<hr/>	\$9,156,231
Municipal real estate including Water Works.....		775,000

Total.....	<hr/>	\$9,931,231
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Liabilities of the City, March 15, 1882.

Municipal bonds due in	1882.....	\$21,000 00
	1885.....	50,000 00
	1892.....	50,000 00
	1894.....	100,000 00
Water bonds due in	1905.....	500,000 00
		<hr/>
		\$721,000 00

It will be noticed that \$21,000.00 of the above matures the present year, and must be included in the expenditures of 1882.

The City holds Trust Funds, as follows :

For Bangor Fuel Society.....	\$1,000 00
Home for Aged Women.....	25,000 00
Children's Home.....	40,000 00
Bangor Mechanic Association.....	12,000 00
Wakefield fund for indigent women.....	10,000 00
	<hr/>
	\$88,000 00

showing aggregate direct liability for the City on Municipal Bonds and Trust Funds to be \$809,000 00.

Railroad Loans.

To the European & North American Railway Company,

due Jan. 1, 1894..... \$1,000,000 00

The interest on these bonds is invariably provided for by the company, and no anxiety is entertained that the City will sustain any loss or inconvenience from this contingent liability.

To the Bangor & Piscataquis Railroad Co., due April 1,

1899, at 6 per cent..... \$600,000 00

at 7 per cent..... 325,000 00

\$925,000 00

As for several years past, the coupons for interest on these loans is paid directly from the City Treasury, which has caused a draft for the last year of \$58,290.00. This has been reduced by the amount of \$44,000.00 received from the net earnings of the road, making the net advance by city \$14,290.00. This receipt from the road is \$7,000 in excess of that of the previous year, and an increase on the amount paid to the city for any year since the road was constructed.

The municipal expenses of the city the past year have been as follows: Highways, \$18,000; Schools, \$23,025; Paupers, \$15,000; Fire, \$14,230; Incidental, \$9,500; Police, \$7,325; Sewers, \$6,800; Salary, \$4,500; Gas, \$4,636; State tax, \$39,361; County tax, \$16,327; a total of \$158,204.

\$9,156,231 is our valuation, making our tax, as above, 17 3-10 mills on the dollar. Without State and County tax our municipal expenses would be 11 3-10 mills on the dollar.

OVERSEERS OF THE POOR.

The report of the Overseers and Superintendent are full and satisfactory. By their advice nine hundred acres of wood land was purchased in Orneville near the Bangor and Piscataquis railway station for twelve hundred dollars, and quite an amount of wood and timber has been taken off of the same the past winter. They believe the purchase will prove profitable to the City.

Complaint is made of insufficient ventilation of the house. The City Farm is in a good state of cultivation, and its products are increasing annually.

Our bills at the State Insane Hospital are very large, and it appears to me that a part of those we send there ought to be cared for in connection with our Alms House. This matter should receive your attention.

It gives me pleasure to testify to the excellent management and kind care which the Superintendent and his wife so promptly and cheerfully give those entrusted to their care. Also to the faithful performance of the duties entrusted to the Overseers.

CITY SOLICITOR.

The Solicitor reports all claims for damages for flowage of the dam settled. His report will show but a small part of the work he has done for the City the past year. The Bangor & Piscataquis Railway question, and the leasing the surplus water have received a great deal of his time. These will continue to demand of the Solicitor much time to complete the plan for building the first, and leasing the latter.

STREETS.

The frequent heavy storms of the several seasons have made the street department more expensive than formerly, and given unusual labor to our worthy Street Commissioner.

We have laid sixteen hundred and ninety-eight square yards of granite paving on Exchange Street, at a cost of two dollars and eighteen cents per square yard, which, I believe, is approved by our citizens.

To expend money wisely, we should lay fifteen hundred yards of pavement annually, until Exchange, Broad, and Front streets, are finished.

Economy demands in this department, as well as in all others, that we anticipate the needs of our people for years to come.

WATER.

Cash receipts paid into the Treasury the past year, seventeen thousand nine hundred dollars,—twenty-six hundred dollars more than the previous year.

The works are in perfect order. No repairs upon the dam were required the past year, and I know of none needed the present year.

For many weeks we have been interested to lease to Mr. T. N. Egery and associates our surplus water, but as we investigated, new and unexpected difficulties appeared. We could not calculate the quantity of water required for our domestic and municipal purposes. It was therefore deemed best to employ some Civil Engineer, and submit all questions to him.

Hon. John L. Cutler was selected to visit other cities and

find such engineer. In Lowell, Mass., he found Mr. James B. Frances, who stands at the head of his profession, from whom he obtained an offer, which was accepted, and he visited our City the middle of February. The last of same month, we received his report, which has appeared in our daily papers, and which is on file in the City Clerk's office for public inspection.

By that report the City will be mainly governed in leasing the surplus water, which is a large power, but less adapted to cotton and woolen manufacturing, than other purposes, and best adapted to manufacturing wood. The greater the diversification and variety of our manufactures, the better for our population. I am encouraged to believe that within a few years we shall see industries moved by the waste water that will fill all the available space at the Bangor side of the dam.

SCHOOLS.

Upon examining the reports of our schools, I think you will find there was never more or better work done in them than now. Parents of scholars now in attendance must feel great satisfaction in the thorough, honest labor which our present Principal insists shall be done in the higher grades of school.

Aside from the High School building, which was burned Saturday evening, February 18th, the property of this department was never in better condition.

By the united and untiring efforts of Mr. Jordan, Mr. Bradbury and the committees, all the schools except the High School, and one Primary, were in session the following Monday. Rooms in the third story of the new Grammar School building were made ready to accommodate the High

School scholars, who were in session the next Saturday morning, February 25th.

As early as possible, your attention should be given to the erection of a High School building. In that all our citizens should be interested. I must urge upon you the fact that such building should be adapted to the convenience and health of teachers and scholars. No school should have rooms higher than a second floor, and the most healthful methods of heating, ventilation, and seating should be adopted.

POLICE.

Our Marshal and his force have been untiring in their efforts to enforce good order, and protect persons and property. Not one legal warrant for violation of liquor law, or against gambling rooms has been placed in their hands.

Great credit is due them for the comparative order and quiet which prevailed in our City the 13th of June, when Barnum's circus was in town. Also, the 4th day of July, when preparations had been made for a public celebration. Our anticipated joy was suddenly turned into grief and profound mourning when on the 2d day of that month, news came that our beloved President had been assassinated.

The day was bright, and crowds of eager, expectant people came into town, scarcely knowing if they were to rejoice in celebrating the Nation's holiday, or mourn with us in the Nation's bereavement. Each of these public days our streets were full of people, and great praise is due Sheriff Stratton and his deputies for assistance rendered our police force. Marshal Reed and Sheriff Stratton directed all saloon proprietors to close their bars during these days, which directions, with few exceptions, were cheerfully followed.

Arrests June 13, for drunkenness, 6; for search and seizure, 4. Arrests July 4, for drunkenness, 6; for assaults, 2. For the year, arrests, search and seizure warrants, 19, each fined one hundred dollars and costs, and appealed; 9 places searched and nothing found; 7 persons fined thirty dollars each for single sale, and appealed; tramps arrested, 111; arrests for drunkenness, 303; for drunken disturbance, 36; 275 persons comprise all arrested for drunkenness,—in some instances the same person having been arrested several times.

FIRE.

This department has deserved the past year, for its attention and efficiency, and good management, all the praise heretofore bestowed upon it. We have thirty-four reservoirs, also three Steamers always in thorough repair, ready to respond to the cry of fire at a moment's warning. I would recommend the sale of the "Babcock," as it is of no use, and no emergency is likely to require it.

Fire alarms with loss, 11; without loss, 15. Value of property burned, \$11,300; amount of insurance, \$7,500.

SEWERS.

I think our sewer department has been managed with prudence and skill.

As the Holly water is more extensively used, greater amount of sewerage is absolutely demanded. Sewers constructed years before water was introduced, and giving satisfaction, now poorly perform what they were then adequate to do.

A section of five hundred feet of the Meadow Brook sewer was constructed last year, also two hundred feet of the San-

ford street sewer. Each of these takes a very large drainage, and a piece of a few hundred feet each should be built annually, thus requiring a small appropriation to answer the calls of the sewer department.

RAILWAYS.

The Bangor and Piscataquis Railway Company has paid into our treasury, \$44,000; increase over previous year, \$7,000; with as good prospect for increased earnings the present year. I hope no legal effort will be spared to complete this road as soon as possible.

HEALTH.

I think no man in our City Government has so unpleasant duties to perform as our Health Officer; no one man more demanded by the welfare of our people. At the same time there is no one of whom more complaint is made. For months in the early part of the year this officer is in constant demand. The present incumbent has been untiring in his efforts the past year, and we are indebted to him for the abatement of many nuisances.

CITY PHYSICIAN.

Our City Physician has, by his industry and good judgment, given universal satisfaction to all who have received his medical advice and treatment. He reports visits at Alms House, 142; births 1; deaths, 12; visits at office, 87.

CITY AGENCY.

The City Agency "Reports sale of liquor to our citizens, \$6,960.42; to people outside of the city, \$4,306.98; profit, \$1,225.60."

Maine has had at one time, 250 Agencies; in operation now,

44. Besides our City Agency, there are but two in our County. No complaint has been made of the management of our Agency.

HARBOR MASTER.

The port opened to navigation on March 20th and closed January 2d, thus remaining open 288 days, during which time 2057 vessels of all classes arrived. Of this number 21 were steamers, 2 ships, 6 barks and barkentines, 22 brigs and the remainder schooners. The total tonnage of vessels arriving was 389,764 tons. The number of foreign arrivals was 18, and the number of foreign clearances, 34. The following table shows the principal imports:

Salt, 31,124 bushels; molasses, 626 hhds.; flour, 584 bbls.; corn, 460,185 bushels; coal, 29,948 tons; lime, 6,375 casks; nails, 6,305 kegs; potter's clay, 225 tons; oats, 24,392 bushels; plaster rock, 1,228 tons; lime rock, 679 tons; granite, 400 tons; pig iron, 990 tons; cement, 3,249 casks; kerosene oil, 3,526 bbls.; granite pavement blocks, 32,749.

CONCLUSION.

We hear annually a dolorous song, pitched in a bass key, upon the extravagance of our City Government, and excessive taxation. We cannot avoid paying our bonded indebtedness and interest at maturity, but we might neglect our pauper department, and turn the aged and unfortunate poor into the streets to starve and die; but I am proud to believe that a large majority of our tax-paying citizens are in favor of continuing the humane treatment now bestowed, and upon the same economical basis.

We might discontinue many of our streets, taking the risk of fines and law suits for injuries to person and property, but

such a method of economy would not be acceptable to the intelligent people of Bangor.

We might close many of our schools, make less and shorter terms, employ cheaper teachers, thus saving at least one-half of the present cost of maintaining them ; but would such management satisfy our people?

The past year we have paid all demands as soon as vouched; we have paid fifteen thousand dollars of our bonded debt; we have no floating debt. This year, twenty-one thousand dollars of our bonded indebtedness matures, which you will, I trust, order paid, and to meet all of our unavoidable needs and maintain our financial character and leave no floating debt, we cannot honestly expect a lower rate of taxation for several years to come than during the past year, which was two dollars and forty-five cents on one hundred dollars, less ten per cent. for payment within thirty days of commitment of tax bill to the collector.

Gentlemen—I invoke you to give to all matters pertaining to the welfare and expenses of the city, the same care and earnest thought, that you would to your own interests, that at the close of your services in behalf of the city, you may have clear consciences and full satisfaction in your work.

LYSANDER STRICKLAND,

Mayor.

TREASURER'S REPORT.

DR. **JOHN L. CROSBY, Treasurer,**

1881. March 9.

For balance of cash on hand as per account rendered this date.....	\$21,490 62
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1882.

March 15. Receipts for municipal year 1881-82, viz: From Treasurer's notes dis- counted.....	62,000 00
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From John L. Crosby, Collector of Taxes, in-
cluding abatements and discounts,
as per his account submitted this
day, viz:

1873.....	\$51 72
1874.....	87 45
1875.....	81 25
1876.....	226 19
1877.....	502 28
1878.....	588 93
1879.....	1,799 49
1880.....	36,393 44
1881.....	207,680 92
<hr style="width: 100%;"/>	
	\$247,411 67

From credits to following Funds, in addition to
appropriations, viz:

Highway.....	\$3,360 60
Schools.....	8,689 94
Pauper.....	4,242 09
Incidental.....	3,870 26
Fire.....	37 50
Police.....	1,878 84
Sewers.....	1,490 66
Interest.....	681 92
Water.....	26,014 00
City Agency.....	11,350 00
<hr style="width: 100%;"/>	
	\$61,615 81

Bangor and Piscataquis Railroad Co., on account of advances by City, for payment of coupons on City loan to said company.....	44,000 00
State of Maine, repayment of advances on account of State pensions.....	828 00
Amount received for redemption of real estate sold for unpaid taxes.....	1,541 10
	<hr style="width: 100%;"/>

To the City Council. Respectfully submitted,

JOHN L. CROSBY, City Treasurer.

Bangor, March 15, 1882.

\$438,887 20

1882.]

CITY OF BANGOR.

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In account with the CITY OF BANGOR. Cr.

1882. March 15.

By amount disbursed to various departments for
municipal year 1881-82, per Mayor's order,
as follows :

Highway.....	\$21,476 53	
Schools.....	31,715 91	
Pauper	19,138 38	
Incidental	13,320 61	
Salaries	4,486 79	
Fire	14,630 10	
Police.....	9,204 14	
Sewers	7,792 88	
Water	39,941 10	
City Agency.....	10,120 33	
Gas	4,636 23	
Interest.....	21,149 28	
Permanent debt.....	15,000 00	
Temporary debt.....	62,000 00	
Overlayings	3,543 75	
Discount, 1881.....	20,437 21	
		<hr/>
		\$298,593 24
Paid State tax, 1881.....	\$39,361 60	
Paid County tax, 1881.....	16,327 65	
		<hr/>
		55,689 25
Paid coupons on City loan to Bangor and Piscataquis Railroad Company.....		58,290 00
Paid State pensions to citizens of Bangor...		828 00
Refunded to purchasers at tax sales, amount received for redemption of estates.....		1,541 10
		<hr/>
		\$414,941 59
By balance on hand as follows :		
Deposit at Merchants' Nat'l Bank, Boston,	\$3,104 06	
“ Second Nat'l Bank, Bangor.....	19,500 00	
Cash.....	1,341 55	
		<hr/>
		23,945 61
		<hr/>
		\$438,887 20

Having examined the foregoing account of the City Treasurer for the
municipal year 1881-82, I find the same fully vouched and correctly
stated.

S. R. YEATON, Auditor.

COLLECTOR'S REPORT.

DR. **JOHN L. CROSBY, Collector,**

1881.

March 9.

For uncollected balances of taxes as per account rendered this day viz :

For 1873.....	\$51 72	
1874	212 75	
1875	351 37	
1876	713 09	
1877	1,186 83	
1878	1,607 67	
1879	3,178 66	
1880	40,009 07	
		<hr/>
		\$47,311 16

Oct. 8. Commitment of tax for 1881, viz :

Appropriation for Highway.....	\$14,000 00	
Schools.....	24,000 00	
Pauper.....	15,000 00	
Incidental.....	10,000 00	
Fire	15,000 00	
Salary	4,500 00	
Police	7,000 00	
Sewers.....	6,500 00	
Interest.....	20,000 00	
Water	14,000 00	
Loans	15,000 00	
Gas.....	4,600 00	
Discount on tax of 1881.....	20,000 00	
Overlayings.....	11,094 71	
County tax, 1881.....	16,327 65	
State tax, 1881.....	39,361 60	
		<hr/>
		236,383 96

1882.

March 15. Supplementary Collection, 1880.....	\$13 00	
" " 1881.....	249 98	
		<hr/>
		262 98

\$283,958 10

To the City Council.

Respectfully submitted,

JOHN L. CROSBY, Collector.

Bangor, March 15, 1882.

1882.]

CITY OF BANGOR.

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In account with the CITY OF BANGOR.

CR.

1882.

March 15. By amount paid City Treasurer,
from March 9th, 1881, to date, viz:

Collection from tax of 1873.....	\$3 00	
Abatements allowed by Assessors.....	48 72	
	<hr/>	\$51 72
Collection from tax of 1874.....	40 38	
Abatements.....	47 07	
	<hr/>	87 45
Collection from tax of 1875.....	41 37	
Abatements.....	39 88	
	<hr/>	81 25
Collection from tax of 1876.....	70 30	
Abatements.....	\$157 42	
Less repaid tax payers.....	1 53	
	<hr/>	155 89
	<hr/>	226 19
Collection from tax of 1877.....	177 05	
Abatements.....	332 05	
Less repaid.....	6 82	
	<hr/>	325 23
	<hr/>	502 28
Collection from tax of 1878.....	338 93	
Abatements.....	257 11	
Less repaid.....	7 11	
	<hr/>	250 00
	<hr/>	588 93
Collection from tax of 1879.....	1,264 10	
Abatements.....	542 66	
Less repaid.....	7 27	
	<hr/>	535 39
	<hr/>	1,799 49
Collection from tax of 1880.....	35,483 13	
Abatements.....	923 46	
Less repaid.....	13 15	
	<hr/>	910 31
	<hr/>	36,393 44
Collection from tax of 1881.....	186,053 91	
Abatements.....	1,195 38	
Less repaid.....	5 58	
Discount for prompt payment.....	20,437 21	
	<hr/>	207,680 92
	<hr/>	\$247,411 67

Balance of taxes uncollected this day:

1874.....	\$125 30	
1875.....	270 12	
1876.....	486 90	
1877.....	684 55	
1878.....	1,018 74	
1879.....	1,379 17	
1880.....	3,628 63	
1881.....	28,953 02	
	<hr/>	36,546 43
	<hr/>	\$283,958 10

Statement of Standing of Funds, 1881--82.

Funds.	Amounts expended.	Appropriations and Credits.	Unexpended Balances.	Overdrawn Balances.
Highway.....	\$21,476 53	\$17,360 60	\$	\$4,115 93
Schools.....	31,715 91	32,689 94	974 03	
Pauper.....	19,138 38	19,242 09	103 71	
Incidental.....	13,320 61	13,870 26	549 65	
Salary.....	4,486 79	4,500 00	13 21	
Fire.....	14,630 10	15,037 50	407 40	
Police.....	9,204 14	8,878 84		325 30
Sewers.....	7,792 88	7,990 66	197 78	
Water.....	39,941 10	40,014 00	72 90	
City Agency.....	10,120 33	11,350 00	1,229 67	
Gas.....	4,636 23	4,600 00		36 23
Interest.....	21,149 28	20,681 92		467 36
Loans temporary..	62,000 00	62,000 00		
Loans permanent..	15,000 00	15,000 00		
Overlayings.....	3,543 75	11,094 71	7,550 96	
Discount 1881.....	20,437 21	20,000 00		437 21
	<hr/>	<hr/>	<hr/>	<hr/>
	\$298,593 24	\$304,310 52	\$11,099 31	\$5,382 03
Total unexpended balances.....			\$11,099 31	
Overdrawn balances.....			5,382 03	
			<hr/>	
Net unexpended balance.....			\$5,717 28	

Valuation of the City of Bangor, 1881.

Real estate of Residents.....	\$5,787,882 00	
of Non-Residents.....	565,091 00	
	<hr/>	\$6,352,973 00
Personal estate of Residents.....	\$2,742,383 00	
of Non-Residents.....	60,875 00	
	<hr/>	2,803,258 00
Total valuation for 1881.....		<hr/>
Municipal real estate, including Water Works, and wood lot in Orneville.....		\$9,156,231 00
		<hr/>
Total,		\$9,931,231 00

1882.]

CITY OF BANGOR.

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Statement of Dues to the City of Bangor, March 15, 1882.

Cash on hand including deposits in banks in Bangor and Boston.....		\$23,945 61
Uncollected taxes for years 1874-1881, inclusive, Assessments for sewerage, viz:		36,546 43
On account of sewers constructed in 1880 and 1881	\$178 58	
On account of sewers constructed prior to 1880,	673 52	
	<hr/>	852 10

N. B. There are many other claims of this description of various age and value, which cannot be definitely stated, but from which, as opportunities favor, some receipts may be realized.

Amount due from Bangor and Piscataquis Railroad Co., for advances made for interest on City loan to said Co., viz:

Note of consolidated European and North American Railway Co., dated April 1, 1873, for B. & P. city loan coupons, paid by city prior to that date.....	\$65,218 10
Coupons paid by city in 1876-7.....	\$25,315 00
less repaid by B. & P. R. R.,	2,500 00
	<hr/>
	22,815 00
Coupons paid in 1877-8.....	\$58,005 00
less repaid.....	10,500 00
	<hr/>
	47,505 00
Coupons paid in 1878-9.....	\$59,070 00
less repaid.....	34,057 15
	<hr/>
	25,012 85
Coupons paid in 1879-80.....	\$58,065 00
less repaid.....	26,000 00
	<hr/>
	32,065 00
Coupons paid in 1880-81.....	\$58,595 00
less repaid	37,000 00
	<hr/>
	21,595 00
Coupons paid in 1881-82.....	\$58,290 00
less repaid.....	44,000 00
	<hr/>
	14,290 00

Total balance of advances,	<hr/>	\$228,500 95
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The City also owns 4,000 shares of the Capital Stock of the Bangor and Piscataquis Railroad Company, the par value of which is two hundred thousand dollars.

STATEMENT OF LIABILITIES OF THE CITY OF BANGOR,
MARCH 15, 1882.

BONDED INDEBTEDNESS.

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TREASURER'S REPORT.

[1882.

Loans.	When Issued.	When Due.	Numbers of Bonds.	Denomination.	Amounts.
H,	June 14, 1862,	June 14, 1882,	1—10,	\$1,000 00	\$10,000 00
S,	Aug. 12, 1862,	Aug. 12, 1882,	1—11,	1,000 00	11,000 00
V,	May 1, 1865,	May 1, 1885,	1—50,	1,000 00	50,000 00
A,	Sept. 1, 1872,	Sept. 1, 1892,	1—50,	1,000 00	50,000 00
X,	Jan. 1, 1874,	Jan. 1, 1894,	1—100,	1,000 00	100,000 00
Water Loan					
L,	July 1, 1875,	July 1, 1905,	1—325, 376—545,	1,000 00	455,000 00
	" " "	" " "	326—375, 456—495,	500 00	45,000 00
					\$721,000 00

N. B. All the above loans bear interest at six per cent., except Loan "A," due 1892, which was issued at seven per cent. The coupons are payable semi-annually, and are provided for at the Merchants National Bank, Boston, and at the City Treasurer's office in Bangor, at the holder's option.

1882.]

CITY OF BANGOR.

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Trust Funds.

For the Bangor Fuel Society.....	\$1,000 00
Home for Aged Women.....	25,000 00
Children's Home.....	40,000 00
Bangor Mechanic Association.....	12,000 00
Wakefield Fund for Indigent Women....	10,000 00
Total.....	<u>\$88,000 00</u>
Total Bonds and Trust Funds.....	<u>\$809,000 00</u>

Statement of Interest Payable in 1882-1883.

ON BONDS.

May 1, 1882.....	\$1,500 00	Nov. 1, 1882.....	\$1,500 00
June 14, "	300 00	Jan'y 1, 1883.....	18,000 00
July 1, "	18,000 00	Mar. 1, "	1,750 00
Aug. 12, "	330 00		<u>\$21,250 00</u>
Sept. 1, "	1,750 00	Brought over.....	21,880 00
	<u>\$21,880 00</u>	Total	<u>\$43,130 00</u>

ON TRUST FUNDS.

April 1, 1882.....	\$750 00	Oct. 1, 1882.....	\$750 00
July 1, "	1,530 00	Jan'y 1, 1883.....	1,530 00
Sept. 1, "	360 00	Mar. 1, "	360 00
	<u>\$2,640 00</u>		<u>\$2,640 00</u>
	Brought over.....		2,640 00
	Total		<u>\$5,280 00</u>
Total Interest on Bonds and Trust Funds.....	<u>\$48,410 00</u>		

The City has no liabilities in form of Temporary Loan or Floating Debt, other than bills contracted during the present month.

Statement of Loans in aid of Railroad Corporations.*To the European and North American Railway Co.:*

Six per cent. bonds No's 1 to 1,000, \$1,000 each, due	
January 1, 1894.....	\$1,000,000 00
Interest payable semi-annually, Jan. 1, and July 1.	

The coupons on this loan, are paid by the Company, and are provided for at the Merchants National Bank, Bangor, and the Merchants National Bank, Boston.

To the Bangor and Piscataquis Railroad Co.:

Six per cent. bonds, No's 1 to 500, \$1,000 each..	\$500,000 00
501 to 700, 500 each..	100,000 00
Seven per cent. bonds, No's 1 to 325, \$1,000 each	325,000 00
	<hr/> \$925,000 00

All due April 1, 1899.

The coupons on this loan are due semi-annually, April 1, and October 1, and are paid by the City Treasurer, either at his office in Bangor, or at the Merchants National Bank, Boston, at the holder's option.

N. B. These loans are secured by first mortgages to the City, of the Road and equipment, of each Corporation.

As stated on a previous page of this Report, the amount advanced from the City Treasury, for the Bangor and Piscataquis loan coupons, during the municipal year 1881-1882, is.....\$58,290 00
Of which has been repaid by the Railroad Company, from its earnings 44,000 00

Showing net deficit for the year of.....	\$14,290 00
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The amount thus received by the City is seven thousand dollars in excess of the receipts of the previous year, and larger than for any year since the operation of the Road. The condition of the track and equipment is reported excellent, and the prospect for business is more promising than ever before.

The speedy extension of the Road, which now seems probable, to the terminus contemplated in its Charter, at Moosehead Lake, will, it is believed, establish the enterprise on a solid basis, and relieve the tax payers of our city, from all burdens on this account, at no distant day.

JOHN L. CROSBY,
City Treasurer.

RECEIPTS AND EXPENDITURES

OF THE

CITY OF BANGOR,

For the Municipal Year ending March 9th, 1882.

Compiled under the Direction of the Mayor, agreeably to an Order of the City Council, passed March, 1882.

HIGHWAY.

RECEIPTS.

Amount of appropriation.....		\$14,000 00
From Commissioner for hire of teams, etc.....	\$86 00	
Sale of wood.....	521 74	
Collection on concrete sidewalks.....	229 58	
Collection on repairs on Exchange street sidewalks.....	290 03	
Sale of horses.....	700 00	
Charged to Incidental Fund for labor on parks,	100 00	
" Sewer Fund for labor.....	700 00	
" School " "	151 00	
" Pauper " " and manure... ..	122 25	
" Water " for building new road in Eddington,.....	460 00	
	<hr/>	\$3,360 60
Balance overdrawn.....		4,115 93
		<hr/>
		\$21,476 53

EXPENDITURES.

Wm. P. Wingate, salary as street commissioner..	\$700 00	
C. L. Marston, salary as street engineer.....	100 00	
A. K. Rollins, same.....	50 00	
	<hr/>	\$850 00
Sundry persons, 10 months labor at \$45.....	\$450 00	
15 9-13 months labor at \$40.....	628 00	
43 months labor at \$35.....	1,505 00	
	<hr/>	
Amounts carried forward,.....	\$2,583 00	\$850 00

Amounts brought forward,	\$2,583 00	\$850 00
Sundry persons, 56 10-13 months labor at \$30.....	1,703 08	
3 months labor at \$38.....	114 00	
19 months labor at \$33.....	627 00	
6 10-13 months labor at \$28.....	189 77	
9 months labor at \$26.....	234 00	
13 days labor at \$1.75.....	22 75	
13 days labor at \$1.50.....	19 50	
14 9-10 days at \$1.25.....	18 62	
1442 days labor at \$1.10.....	1,586 20	
2065 1-2 days labor at \$1.00.....	2,065 50	
	<hr/>	\$9,163 42
F. Rogers, hay and straw.....	\$104 80	
W. H. Bishop, same.....	39 65	
Kent & Fisher, same.....	25 76	
N. Lasselle, same.....	111 47	
J. S. Bartlett, same.....	8 19	
Chas. Clark, same.....	83 38	
Davis Lumbert, same.....	6 66	
Pauper Department, same.....	81 20	
Geo. S. Raynes, same.....	30 94	
T. O. Griffin, same.....	12 10	
Wm. P. Wingate, same.....	52 78	
Mark Miller, same.....	5 35	
Geo. W. Chase, same.....	4 48	
John Palmer, same.....	11 45	
S. D. Ames, same.....	8 02	
Geo. Spurr, same.....	14 31	
C. G. Fernald, same.....	15 05	
L. M. Gordon, same.....	6 71	
E. C. Jackson, same.....	14 10	
J. H. Felker, same.....	5 95	
L. Overlock, same.....	7 30	
F. L. Canney, same.....	6 88	
E. R. Packard, same.....	4 16	
J. Kelley, same.....	1 00	
Thos. Dougherty, same.....	7 90	
B. F. Watson, same.....	10 40	
A. Libby, same.....	2 25	
	<hr/>	
Amounts carried forward,	\$682 24	\$10,013 42

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CITY OF BANGOR.

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Amounts brought forward.....	\$682 24	\$10,013 42
Fred. Bishop, same.....	2 28	
F. E. Clark, same.....	16 70	
H. C. Mayo, same.....	12 21	
Wm. Dolly, same.....	19 17	
Mr. Phillips, same.....	2 62	
W. P. Hubbard & Co., grain.....	1,237 54	
J. Cunningham, same.....	10 35	
	<hr/>	1,983 11
Cowan & Fogg, blacksmith work.....	174 10	
Bartlett & Fish, same.....	138 10	
J. L. Cosmey, same.....	29 00	
F. P. Andrews, same.....	1 95	
David H. Farrar, same.....	1 55	
	<hr/>	344 70
Thomas Jenness & Son, hardware.....	86 45	
Rice & Skinner, same.....	40 69	
C. B. Wyman, same.....	27 46	
N. H. Bragg & Son, same.....	14 29	
	<hr/>	168 89
Bangor Foundry & Mach. Co., repairs and castings	60 39	
Jos. Wharff, repairs to cart, etc.....	243 48	
John Mason, same.....	72 90	
J. C. Young, same.....	4 10	
Jos. Nason, same.....	3 80	
Isaac Fifield, same.....	11 55	
	<hr/>	396 22
J. Batchelder, harnesses and repairs.....	98 38	
D. C. Gould, same.....	49 01	
	<hr/>	147 39
Morse & Co., lumber.....	941 89	
Theo. Paine, same.....	13 92	
	<hr/>	955 81
J. P. Bass, gravel and sand.....	236 00	
John Holyoke, same.....	22 25	
Jos. Carr, same.....	19 95	
Chas. Webb, same.....	15 00	
N. L. Merrill, same.....	3 50	
	<hr/>	296 70
Amount carried forward,.....		\$14,306 24

Amount brought forward.....		\$14,306 24
S. F. Jones & Sons, stone work.....	\$169 94	
Levi Fletcher, same.....	6 50	
		<hr/> 176 44
A. F. Jordan, work on roads.....	6 05	
J. N. Drew, same.....	10 25	
J. A. McClusky, same.....	1 25	
A. C. Leighton, building two culverts.....	40 00	
Same, work on roads.....	9 41	
Alvah Osgood, building two culverts, etc.....	48 00	
W. E. Johnson, building one culvert, etc.....	16 75	
A. W. Dudley, work on roads.....	76 40	
Geo. W. Newcomb, same.....	25 00	
Hasey & Jordan, same.....	51 00	
S. D. Ames, same.....	4 10	
Chas. J. McCabe, same.....	21 62	
A. D. Watson, same.....	6 80	
S. J. Finson, same.....	11 25	
		<hr/> 327 88
E. J. Colburn, breaking roads.....	41 90	
C. H. Monson, same.....	55 97	
Thos. Griffin, same.....	12 90	
G. F. Davis, same.....	7 74	
Aug. Smith, same.....	5 00	
A. Jordan, same.....	3 50	
Alvah Osgood, same.....	41 00	
S. J. Finson, same.....	42 00	
Chas. Hill, same.....	62 06	
John Johnson, same.....	38 12	
A. W. Dudley, same.....	39 25	
E. W. Hasey, same.....	21 50	
T. J. Cole, same.....	2 50	
F. T. Griffin, same.....	13 19	
J. L. Triggs, same.....	39 00	
Chas. Clark, same.....	26 50	
A. C. Leighton, same.....	77 38	
E. P. Ferguson, same.....	8 55	
B. Roberts, same.....	3 35	
R. S. Page, same.....	6 00	
A. D. Watson, same.....	36 40	
S. Newcomb, snowing bridge.....	10 00	
		<hr/> 593 81
Amount carried forward		<hr/> \$15,404 37

Amount brought forward		\$15,404 37
O. D. Stockwell, boarding men and horses.....	\$25 00	
A. J. Stanley, same.....	27 50	
Wm. Shaw, 1 pair horses.....	400 00	
Same, 2 halters for same.....	2 00	
E. & N. A. R. freight of same.....	6 00	
J. K. Peirce, 1 pair horses.....	600 00	
L. A. Davis, difference in exchange of horse.....	87 50	
Edwin Howard, same.....	100 00	
C. A. Woodbury, expenses to Blanchard after same	6 45	
N. S. Harlow, drugs, etc.....	32 88	
Asa Warren, same.....	25 65	
W. E. Mann, same.....	20 13	
J. W. Jenkins, veterinary services.....	26 00	
W. E. Lord, wood.....	87 71	
A. F. Merrill, same.....	40 50	
Edwin McClure, same.....	100 68	
H. B. Stewart, 4 feed baskets.....	1 00	
Getchell, Leighton & Co., plumbing.....	1 50	
John Haskins, trees, Davenport Square.....	1 50	
E. C. Danforth, hire of teams.....	22 50	
D. P. Wingate, same.....	47 20	
A. Noyes & Co., tinware.....	75	
Benj. Walker, paving stones..	25 00	
Silas Alden, concrete sidewalk.....	14 37	
A. C. Hamlin, same.....	8 75	
Getchell, Leighton & Co., hose, etc.....	16 25	
Bangor Gas Co., coal tar.....	365 75	
M. Schwartz Sons, sharpening saws, etc.....	6 00	
A. N. Yeaton, same.....	4 03	
L. Tyler, watering trough.....	3 00	
Thompson & Kellogg, supplies.....	2 85	
Bangor Bridge Co., toll.....	52 00	
Bangor Water Board, water.....	32 50	
Henry Lord, brick for Exchange St. sidewalks...	81 00	
B. C. Additon, same.....	93 00	
Luther A. Marshall, paving Exchange St.....	1,557 01	
Mt. Waldo Granite Co., paving blocks.....	2,148 20	
		<hr/>
		\$6,072 16
		<hr/>
		\$21,476 53

SCHOOL.

RECEIPTS.

Amount of appropriation.....		\$24,000 00
Received from State of Maine, viz;		
School tax and Mill tax, 1881.....	\$8,257 35	
High School tax.....	250 00	
Received of S. P. Bradbury, for tuition.....	131 40	
Received of S. P. Bradbury, for books, broken glass, etc.....	43 99	
Received of B. Porter, for sundries.....	7 20	
	<hr/>	8,699 94
		<hr/>
		\$32,689 94

EXPENDITURES.

SALARIES.

School Committee.....	\$250 00	
W. F. Reed, Truant Officer.....	50 00	
S. P. Bradbury, Agent.....	750 00	
	<hr/>	\$1,050 00

SALARIES OF TEACHERS.

HIGH SCHOOL.

Chas. M. Jordan, Principal.....	\$1,583 53	
Jennie A. Philbrook.....	495 90	
Margaret F. Webber.....	158 82	
Ella M. Boyce.....	271 50	
Lizzie L. Clark.....	412 67	
Ida J. Brown.....	412 67	
	<hr/>	\$3,335 09

GRAMMAR SCHOOL.

Helen R. Fox.....	359 87	
Maria F. Smith.....	338 97	
Lou A. Spencer.....	112 94	
Mary L. Snow.....	220 39	
Lillian B. Cole.....	333 33	
Alice Patten.....	333 33	
Flora E. Wharff.....	333 33	
Lizzie J. Shaw.....	246 52	
Carrie M. Richardson.....	102 76	
Mary H. Burr.....	333 33	
	<hr/>	
Amounts carried forward.....	\$2,714 77	\$4,385 09

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CITY OF BANGOR.

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Amounts brought forward.....	\$2,714 77	\$4,385 09
Emma A. Blaisdell.....	333 33	
Ella M. Boyce.....	123 53	
Annie M. Pease.....	220 39	
Anna L. Clapp.....	112 94	
Emma F. Lewis.....	220 39	
Mary E. Costellow.....	237 51	
Sarah A. Hammatt.....	102 76	
Mary E. Cochran.....	333 33	
Nancy A. Gilman.....	285 42	
Kate E. Newhall.....	47 91	
Sarah H. Shaw.....	349 28	
Mary E. Glass.....	333 33	
Fannie E. Wright.....	333 33	
		5,748 22

INTERMEDIATE SCHOOLS.

Therese M. Dillingham.....	\$297 50	
Azubah F. Blaisdell.....	297 50	
Nancy W. Silsby.....	297 50	
Hattie L. Gray.....	297 50	
Eliza B. Eddy.....	212 50	
Carrie M. Spratt.....	85 00	
Mary L. Snow.....	102 00	
Adelia A. Walsh.....	195 50	
Carrie Hodgdon.....	195 50	
Georgie Marston.....	102 00	
Mary E. Shaw.....	297 50	
Charlotte E. Holden.....	297 50	
Annette M. Hincks.....	297 50	
Helen M. Cates.....	297 50	
Emma F. Lewis.....	102 00	
Kate E. Newhall.....	153 00	
M. Isabel Ames.....	42 50	
Mary E. Garrity.....	297 50	
		3,867 50

PRIMARY SCHOOLS.

Hattie T. Vose.....	\$297 50
Annie M. Pease.....	102 00
Sarah M. Prescott.....	195 50
Lizzie L. Morrill.....	297 50
Angie L. Jones.....	297 50
Alice M. Lawrence.....	297 50

Amounts carried forward..... \$1,487 50 \$14,000 81

Amounts brought forward,.....	\$1,487 50	\$14,000 81
Miriam L. Cates.....	297 50	
Alma L. Davis.....	102 00	
Mary Garmon.....	195 50	
Annie M. Lander.....	297 50	
Vesta M. Nash.....	297 50	
Elizabeth Pond.....	238 00	
Lizzie M. Burr.....	102 00	
Fannie Titcomb.....	195 50	
Carrie A. Dunbar.....	297 50	
Evelyn E. Getchell.....	212 50	
Carrie M. Richardson.....	42 50	
Laura J. Sargent.....	297 50	
Angie Chase.....	297 50	
Mabel L. Thissell.....	297 50	
Alma F. Silsby.....	297 50	
Louisa H. Savage.....	85 00	
Mary A. Eaton.....	297 50	
Etta M. Bussey.....	297 50	
Ella L. Stewart.....	212 50	
	<hr/>	5,848 00

PENMANSHIP.

C. P. Fessenden.....	\$595 07	595 07
	<hr/>	

ASSISTANTS.

Clara R. Wood.....	\$198 00	
Sarah M. Prescott.....	60 00	
Annie E. Hurley.....	125 00	
Gertrude Simpson.....	204 00	
Mary A. Holden.....	185 00	
Louisa H. Savage.....	150 00	
Phebe E. Danforth.....	60 00	
Addie M. Spencer.....	210 00	
Nellie S. Coombs.....	125 00	
Evelyn T. Hartford.....	48 00	
Lizzie A. Hatch.....	175 00	
Ida Stewart.....	145 00	
Frances E. Vail.....	20 00	
Carrie M. Spratt.....	78 00	
Etta L. Davenport.....	60 00	
Mary S. Stewart.....	50 00	
	<hr/>	\$1,893 00
Amount carried forward		\$22,336 88

1882.]

CITY OF BANGOR.

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Amount brought forward

\$22,336 88

SUBURBAN SCHOOLS.

Lizzie Gibson, 20 weeks.....	120 00
Hattie L. Mosher, 10 weeks.....	60 00
Etta L. Davenport, 20 weeks.....	120 00
Carrie B. Ames, 10 weeks.....	60 00
Addie P. Cobb, 20 weeks.....	120 00
Maggie E. Walsh, 10 weeks.....	60 00
Annie Mitchell, 20 weeks.....	150 00
Heman W. Griffin, 10 weeks.....	90 00
Minnie A. Ferguson, 20 weeks.....	120 00
Jennie A. Brown, 10 weeks.....	60 00
Grace M. Richardson, 10 weeks.....	60 00
Nettie F. Cates, 19 weeks.....	123 00
Carrie M. Richardson, 20 weeks.....	120 00
Frances J. Gould, 10 weeks.....	60 00
Kate E. Newhall, 10 weeks.....	60 00
Alma L. Davis, 20 weeks.....	140 00
Emma L. Ames, 30 weeks.....	180 00
Adelia A. Walsh, 10 weeks.....	60 00
Hattie E. Glass, 10 weeks.....	60 00
Georgia Marston, 10 weeks.....	60 00
Mary Conroy, 10 weeks.....	60 00
Alice Bucknam, 20 weeks.....	120 00
M. Isabel Ames, 25 weeks.....	150 00
Mary Robinson, 5 weeks.....	30 00
Joanna S. Eveleth, 30 weeks.....	180 00

2,423 00

N. B.—Total amount paid Teachers, \$23,709.88.

JANITORS.

E. S. Blake.....	\$540 92
C. H. Morison.....	267 00
S. P. Bradbury, paid sundry persons.....	568 08

1,376 00

MATERIALS, IMPROVEMENTS AND REPAIRS.

Marston & Gorham, materials and painting.....	\$56 19
E. F. Shaw, same.....	127 93
M. Dyer, same.....	123 19
H. B. Dunbar, same.....	45 24
J. H. Eldridge, glazing, etc.....	31 45

Amounts carried forward,..... \$384 00 \$26,135 88

Amounts brought forward,	\$384 00	\$26,135 88
E. M. Williams, same.....	3 35	
S. W. Porter, carpentry and material.....	7 50	
W. & L. Cutter, same.....	86 42	
G. G. Rice, same.....	39 84	
W. E. Mansur, same.....	99 48	
Chas. Sinnott, same.....	211 98	
Lowell & Tibbetts, same.....	27 02	
Z. T. Dillingham, same.....	14 77	
J. P. Files, same.....	37 45	
Getchell, Leighton & Co., plumbing.....	69 63	
Leighton, Davenport & Co., same.....	178 16	
Hinekley & Egery Iron Co., iron work.....	26 03	
Bangor Foundry & Machine Co., same.....	17 31	
A. Noyes & Co., stove work, etc.....	20 65	
J. P. Gould, same.....	54 67	
Wood, Bishop & Co., stove work.....	57 37	
R. P. Young, mason work.....	77 81	
Robinson & Sturtevant, same.....	295 55	
S. F. Jones & Sons, stone work.....	19 83	
Fletcher & Butterfield, same.....	2 75	
Morse & Co., lumber.....	70 58	
B. B. Thatcher, same.....	22 00	
Stockwell Adams & Co., same.....	7 50	
Dole & Fogg, same.....	4 37	
Haynes & Pillsbury, hardware.....	28 88	
Thomas Jenness & Son, same.....	21 00	
W. P. Dickey, same.....	2 20	
C. B. Wyman, same.....	2 80	
John Mason, blacksmith work.....	9 22	
B. Morgan, labor and material.....	8 51	
P. P. Holden, pump and repairs.....	10 00	
Jona. Chase, repairs.....	2 00	
Sundry persons, material.....	5 65	
	<hr/>	1,926 28

FUEL.

Jas. Conner, wood.....	\$33 86
W. Blaisdell, same.....	125 40
L. I. Kittredge, same.....	184 61
John Johnson, same.....	2 25
C. B. Pote, same.....	9 00
B. S. Ham, same.....	63 76

Amounts carried forward,	\$418 88	\$28,062 16
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CITY OF BANGOR.

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Amounts brought forward.....	\$418 88	\$28,062 16
Chas W. Wilson, wood.....	4 50	
W. E. Lord, same.....	13 05	
J. N. Drew, same.....	35 50	
S. C. Archer, same.....	41 36	
John B. Bond, same.....	15 61	
Pauper Department, same.....	565 25	
Waldo K. Ware, same.....	15 00	
F. Overlock, same.....	11 00	
T. R. Thompson, same.....	36 35	
Jos. Parker, same.....	73 93	
A. W. Dudley, same.....	117 14	
J. McCarty, same.....	50 00	
Sundry persons, kindlings.....	6 25	
Hincks & Co., coal.....	350 00	
A. H. Babcock, coal.....	52 49	
		1,806 31
FURNITURE.		
Dole Brothers.....	\$112 00	
G. W. Merrill.....	20 00	
		132 00
BOOKS AND STATIONERY.		
D. Bugbee & Co.....	\$187 51	
Chas. Hight.....	126 39	
Glynn & Reynolds.....	12 67	
Latin Dictionary for High School.....	5 55	
		332 12
SUPPLIES.		
Chas. B. Brown, brooms.....	\$15 15	
G. S. Farrington & Co., brushes.....	1 65	
W. E. Mann, same.....	4 60	
A. H. Roberts & Son, curtains, mattings, etc.....	110 86	
Thurston Bragg & Co., pails.....	2 00	
Thompson & Kellogg, pails, brooms, etc.....	12 81	
J. A. Boardman, pails.....	4 20	
Copygram for High School.....	3 50	
A. Noyes & Co., tinware.....	2 30	
Sundry supplies.....	4 95	
		162 02
MISCELLANEOUS.		
D. P. Wingate, hire of teams, gravel, etc.....	\$45 75	
R. S. Page, same.....	33 50	
Highway Department, same.....	151 00	
Amounts carried forward,.....	\$230 25	\$30,494 61

Amounts brought forward,.....	\$230 25	\$30,494 61
John F. Jordan, gravel.....	10 50	
S. Chalmers, hire of teams.....	3 30	
Geo. Waterhouse, cleaning privy vaults.....	18 75	
F. H. Duffy, paving.....	22 00	
Cleaning yards, privies, etc.....	147 84	
Washing school rooms.....	72 80	
Sawing and housing wood.....	174 55	
Surveying wood.....	8 25	
Shoveling snow.....	10 24	
Postage.....	20 85	
Distributing High School reports.....	2 60	
Copying School Committee report.....	2 50	
V. Brett, filling Diplomas.....	12 00	
R. P. Stone, silk for same.....	1 75	
C. E. Bagley, janitor High School exercises.....	3 00	
J. S. Patten, rent of piano for same.....	6 00	
J. G. Dummer, carpet.....	1 00	
S. S. Low, moving privy.....	20 00	
Water Board, water service.....	266 00	
Jos. Merritt, testing boiler.....	2 00	
W. S. Clark, hose.....	6 45	
W. H. Edmunds, clock and repairs.....	12 00	
A. Titcomb, repairs to clocks.....	1 50	
B. Pol, same.....	75	
Bangor Book Bindery.....	21 00	
E. P. Stone.....	2 25	
S. P. Bradbury, paid for sundries.....	81 17	
School Committee for horse hire.....	60 00	
	<hr/>	\$1,221 30
		<hr/>
Balance unexpended.....		\$31,715 91
		974 03
		<hr/>
		\$32,689 94

PAUPER.

RECEIPTS.

Amount of appropriation.....		\$15,000 00
Received for support of paupers belonging to		
other towns.....	\$740 61	
support of insane persons.....	404 26	
	<hr/>	
Amounts carried forward.....	\$1,144 87	\$15,000 00

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CITY OF BANGOR.

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Amounts brought forward	\$1,144 87	\$15,000 00
Received for board of sundry persons at Alms		
House.....	553 00	
sale of wood, stumpage, etc. from		
Orneville lot.....	692 31	
wood, stumpage, etc. from old		
wood lot.....	97 50	
sale of farm products.....	638 57	
live stock.....	1,065 25	
barrels, wheels, old junk, etc.	40 19	
labor and sundries.....	10 40	
		<hr/> \$4,242 09
		<hr/> \$19,242 09

EXPENDITURES.

O. H. Ingalls, salary as Overseer of the Poor....	\$225 00	
D. W. Potter, same.....	225 00	
Z. Grover, same.....	225 00	
A. S. Sands, salary, Superintendent at Alms		
House	600 00	
		<hr/> 1,275 00

EXPENSES AT ALMS HOUSE.

Frank Garland, groceries.....	\$398 34
Chas. Hayward & Co., same.....	301 11
J. A. Boardman, same.....	177 41
T. R. Savage, same.....	197 12
H. S. Sands, same.....	25 88
Morrill & Palmer, same.....	180 89
Tea White, same.....	87 04
Davis & Perry, same.....	296 65
A. L. Boyd & Co.,	20 20
Thurston Bragg & Co., same.....	249 51
A. M. Campbell, same.....	18 87
Albert Bean, meat.....	533 42
Rice & Buswell, same.....	188 45
Kidder & Rice, same.....	109 84
B. W. Gubtil, grain, etc.....	322 00
J. C. Towle, same.....	160 94
Elijah Smith, grain, etc.....	24 00
Edwin Chick, same.....	126 59
R. B. Dunning, feed, seeds, etc.....	76 19

Amounts carried forward,.....	\$3,494 45	\$1,275 00
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Amounts brought forward,.....	\$3,494 45	\$1,275 00
A. S. Sands, cash paid for sundries.....	798 04	
M. Condon, hauling wood.....	242 44	
Highway Department, manure.....	60 00	
Connors Bros., boots and shoes.....	41 25	
Dudley & Shaw, same.....	27 42	
Thornton Lyford, same.....	58 02	
Z. Grover, same.....	10 00	
Geo. Joss, same.....	13 85	
Buck & Thurston, same.....	19 48	
O. D. Maddocks, repairs on boots and shoes.....	5 70	
Wheelwright, Clark & Co., clothing.....	15 00	
Robinson & Arey, same.....	12 00	
J. C. White, dry goods.....	129 08	
Williams & Getchell, same.....	90 21	
E. H. Hall, same.....	94 42	
Chas. E. Lyon & Co., same.....	76 86	
S. & J. Adams, same.....	52 84	
J. F. Snow, same.....	37 66	
N. H. Bragg & Sons, hardware.....	43 87	
W. P. Dickey, same.....	38 82	
Rice & Skinner, same.....	72 86	
Thos. Jenness & Son, same.....	6 73	
J. A. Buzzell, same.....	5 70	
Morse & Co., lumber, etc.....	79 58	
C. G. Sterns & Co., same.....	361 80	
Hodgkins, Hall & Co., same.....	87 77	
Dole & Fogg, same.....	8 46	
Asa Parker, same.....	91 03	
W. E. Mann, drugs and medicines.....	50 52	
Warren & Robinson, same.....	30 34	
W. L. Alden & Co., same.....	43 04	
F. J. Taney, same.....	20 32	
Caldwell Sweet & Bro., same.....	15 74	
A. M. Robinson, same.....	18 85	
W. C. Mason, medical attendance.....	35 00	
Jas. B. Atkinson, work at Alms House.....	270 00	
Nellie Canney, same.....	180 00	
C. V. Baker, same.....	348 00	
Eveline Stanchfield, same.....	104 00	
R. E. Hathorn, same.....	252 00	
A. C. Leighton, labor.....	105 40	
F. M. Sleeper, mason work.....	100 00	
Amounts carried forward,.....	\$7,648 55	\$1,275 00

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Amounts brought forward.....	\$7,648 55	\$1,275 00
J. W. Flanders, same.....	8 30	
Alfred E. Hathorn, labor.....	100 00	
Geo. H. Rollins, fireman at Alms House.....	26 00	
Dole Bros., furniture.....	60 00	
B. N. & H. B. Thoms, repairs to carts.....	38 79	
Jos. Wharff, same.....	40 00	
Wood, Bishop & Co., tinware, etc.....	51 23	
A. H. Roberts & Son, carpets, etc.....	39 30	
T. F. Filandan, ashes and freight on same.....	90 00	
J. S. Ricker, crockery.....	11 89	
J. L. Cosmey, blacksmith work.....	8 65	
City Agency, liquors.....	19 33	
Leighton & Davenport, plumbing.....	26 17	
C. D. Rollins, one pair oxen.....	175 00	
F. C. Morrill, one cow.....	50 00	
H. & E. Iron Co., casting, etc.....	19 23	
Bangor Edge Tool Co., axes, etc.....	28 10	
A. Noyes & Co., tinware.....	22 39	
A. F. Merrill, grinding wheat and barley.....	18 46	
Bangor Water Works, water service.....	121 00	
Kent & Fisher, hay, etc.....	11 88	
	<hr/>	8,614 27

EXPENSES OUTSIDE ALMS HOUSE.

O. H. Ingalls, cash paid for sundries.....	\$1,752 15	
Thompson & Kellogg, groceries.....	167 83	1,752 15
J. C. Norton, same.....	177 71	
Snow & Averill, same.....	75 52	
D. C. & G. W. Gould, same.....	116 95	
E. Cobb & Son, same.....	187 44	
Thorndike & Littlefield, same.....	54 00	
J. C. Thorndike, same.....	122 50	
Dean & Pierce, same.....	184 71	
R. Hixon, same.....	389 17	
H. Pond, same.....	848 51	
	<hr/>	2,324 34
Maine Insane Hospital, support of insane paupers.....	\$2,443 39	
Mrs. Paul Sawyer, same.....	96 22	
City of Lewiston support of sundry paupers.....	123 35	
City of Rockland, same.....	23 00	
City of Saco, same.....	76 75	
	<hr/>	
Amounts carried forward.....	\$2,762 71	\$13,965 76

Amounts brought forward,.....	\$2,762 71	\$13,965 76
City of Augusta, same.....	75 00	
Town of Hermon, support of paupers.....	20 00	
Town of Newport, same.....	35 34	
Mark Shibbles, same.....	50 00	
D. G. Sawyer, same.....	36 00	
H. W. Chase, same.....	52 00	
Jas. L. Craig, same.....	11 50	
Thos. J. Cole, burial of paupers.....	47 50	
Patrick Quine, same.....	6 00	
Abel Hunt, coffins, etc.....	45 50	
W. A. Libby, same.....	15 00	
J. W. Tebbetts, same.....	14 50	
Highway Department, hauling wood.....	62 25	
D. W. Potter, horse hire.....	50 00	
Asa Parker, hauling wood, Orneville.....	107 00	
Alfred Hathorn, labor at Orneville.....	70 00	
John McVey, cook at wood lot. Orneville.....	75 00	
W. E. Johnson, labor, same.....	36 30	
Thos. A. Davis, same.....	66 65	
Wood, Bishop & Co., tinware for camp at wood lot	15 22	
E. & N. A. R., freight on wood from Orneville..	187 25	
J. H. Parker et. al., wood lot, Orneville.....	1,000 00	
Asa Parker, same.....	166 00	
Calvin Seavey, M. D., medical attendance.....	77 00	
O. N. Mayo, M. D., same.....	9 50	
J. H. Knox, M. D., medical attendance.....	23 00	
H. F. Hanson, M. D., same.....	10 00	
L. D. King, attorney's services.....	25 00	
Hincks & Co., fuel.....	21 40	5,172 62
		<hr/>
Balance unexpended.....		\$19,138 38
		103 71
		<hr/>
		\$19,242 09

INCIDENTAL.

RECEIPTS.

Amount of appropriation.....		\$10,000 00
Rent of City Hall.....	\$214 50	
Court street building.....	100 00	
	<hr/>	<hr/>
Amounts carried forward,.....	\$314 50	\$10,000 00

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CITY OF BANGOR.

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Amounts brought forward.....	\$314 50	\$10,000 00
Rent of house on Fourth street.....	80 00	
Licenses for exhibitions.....	304 00	
billiard rooms.....	40 00	
dogs.....	28 00	
Advertising non-resident taxes.....	14 25	
Abatement of nuisance.....	10 00	
Sale of lots in Pine Grove Cemetery.....	40 00	
bottles, etc., by City Marshal.....	3 50	
From State of Maine, for rent of Armory for "Jameson Guards"	100 00	
State of Maine, railroad and telegraph tax.....	2,829 01	
From U. S. Government, refunded expense on small pox case.....	23 00	
From V. Brett, unexpended balance of Fourth of July appropriation.....	84 00	
	<hr/>	3,870 26
		<hr/>
		\$13,870 26

EXPENDITURES.

S. C. Hatch, Assessor, 158 days.....	474 00	
Thos. S. Moor, same 158 days.....	474 00	
Charles Ames, same, 202 days.....	606 00	
V. Brett, copying tax book, 50 days.....	150 00	
	<hr/>	1,704 00
A. Kirkpatrick, Assistant Assessor, Ward 1, 24 days	48 00	
James Mayhew, same, " 2, 24 days	48 00	
David E. Costellow, same, " 3, 24 days	48 00	
Hosea R. Legro, same, " 4, 24 days	48 00	
Alfred O. Stewart, same, " 5, 23 days	46 00	
Charles P. Hodgkins, same, " 6, 23 days	46 00	
Otto F. Youngs, same, " 7, 22 days	44 00	
	<hr/>	328 00
Enrollment of Militia, by order of State of Maine:		
A. Kirkpatrick, Ward 1, 12 days.....	\$24 00	
E. P. Lansil, Ward 2, 13 days.....	26 00	
E. F. Duren, Wards 3 and 4, 22 days.....	44 00	
F. C. Maxfield, Ward 5, 14 days.....	28 00	
Chas. P. Hodgkins, Ward 6, 13 days.....	26 00	
Otto F. Young, Ward 7, 14 days.....	28 00	
	<hr/>	176 00
		<hr/>
Amount carried forward		\$2,208 00

Amount brought forward,		\$2,208 00
S. R. Yeaton, Auditor, 3 days.....		9 00
Geo. A. Crosby, preparing account of receipts and expenditures.....		60 00
A. E. Hardy, abstract of conveyances of real es- tate.....		40 00
J. L. Crosby, Treas., allowance for clerical aid...		300 00
Victor Brett, preparing poll lists.....	59 00	
Same, clerk of Aldermen, revising lists.....	12 00	
Same, clerk of committee of accounts and claims	50 00	
Same, preparing pension applications.....	73 00	
Same, administering oaths to subordinate officers	5 90	
Same, recording births and deaths.....	48 16	
		<hr/> 248 06
Ward Clerks, viz.:		
P. E. McAloon, Ward 1, 1879-81.....	15 00	
Geo. W. Sullivan, " 3, 1879-81.....	15 00	
Frank Currier, " 4, 1880-81.....	9 00	
Chas. A. Lyon, " 5, 1881.....	3 00	
Chas. P. Hodgkins, " 6, 1881.....	3 00	
Otto F. Youngs, " 7, 1881.....	3 00	
		<hr/> 48 00
Geo. B. Robertson, cleaning Ward room.....		8 00
Victor Brett, paid for postage stamps.....	17 46	
Bangor Post Office, same.....	80 60	
J. L. Crosby, Treasurer, same.....	18 70	
		<hr/> 116 76
Same, (monthly expense account), viz.:		
Paid Mrs. Shaughnessy, cleaning City Hall, Offices, and Police Station, etc.....	184 15	
Sundry persons, sawing wood.....	39 75	
Recording deeds, telegrams and expressage.....	9 45	
Soap, matches, pails, etc., etc.....	17 92	
Trees for City Hall yard.....	2 50	
Books for use in Assessors' and Treasurer's offices	4 00	
		<hr/> 257 77
Charles E. Bagley, janitor at City Hall.....		480 00
Bangor Gaslight Company, gas at City Hall and Police Court.....		477 25
Geo. R. Staples, for wood at City Hall.....	23 47	
J. P. Prescott, same.....	36 23	
Jas. H. Taylor, same.....	45 74	
		<hr/>
Amounts carried forward,.....	\$105 44	\$4,252 84

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CITY OF BANGOR.

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Amounts brought forward.....	\$105 44	\$4,252 84
Pauper Department, same.....	68 00	
J. L. Crosby, same.....	27 15	
Same, prepaid cash.....	11 25	
	<hr/>	211 84
A. H. Babcock & Co., coal.....	103 39	
Hincks & Co., same.....	13 00	
Bacon, Robinson & Co., charcoal.....	6 12	
	<hr/>	122 51
Thos. R. Savage & Co., soap.....	4 55	
John L. Triggs, ice at City Hall.....	16 00	
	<hr/>	20 55
James Greenacre, rent of Armory "Jameson Guards".....	200 00	
Wm. H. Brown, rent of Armory, 2d Regiment, M. V. M.....	80 00	
C. S. Collins, shooting range for militia.....	50 00	
	<hr/>	330 00
Grand Army of the Republic, Memorial Day.....	100 00	
Fourth of July celebration.....	500 00	
	<hr/>	600 00
Expended on day of President Garfield's funeral, viz:		
Wheelwright, Clark & Co., black and white cambric	28 77	
John F. Foster, decorating City Hall.....	9 25	
J. B. Barnaby, furnishing music at services.....	6 00	
	<hr/>	44 02
H. L. Jewell, bills paid for Band Stand erected in Centre Park.....		324 93
Bangor Water Works, for watering troughs, fountains, water at City Hall, and for sprinkling streets, etc.....		978 50
Thomas W. Baldwin, City Engineer and Superin- tendent of Sewers, services 203 days, \$3.50.	710 50	
Services of assistant, 110½ days, \$2.00.....	220 50	
Same for paid expense connecting Court Street building with sewer.....	14 70	
Sundry cash items.....	7 16	
	<hr/>	952 86
Amount carried forward,		\$7,838 05

Amount brought forward,		\$7,838 05
Charles L. Marston, expended on Parks.....	209 00	
Highway Department, same.....	100 00	
	<hr/>	300 00
Boutelle & Burr, advertising 1½ years.....	385 08	
J. P. Bass & Co., same, 1 year.....	137 11	
	<hr/>	522 19
Benj. A. Burr, printing reports, etc.....	236 50	
Burr & Robinson, printing.....	5 00	
Sam'l G. Robinson, same.....	23 75	
Thos. W. Burr, same.....	119 25	
John H. Bacon, same.....	59 00	
O. F. Knowles & Co., same.....	27 00	
S. S. Smith & Son, same.....	150 70	
	<hr/>	671 20
Maverick & Wissinger, N.Y., engraving and paper	46 00	
D. Bugbee & Co., blank books, binding and sta-		
tionery	321 38	
Charles Hight, stationery.....	17 07	
Bangor Book Bindery, blank books, etc.....	80 50	
John H. Babb & Co., same.....	15 00	
Glynn & Reynolds, stationery.....	13 70	
Knight, Adams & Co., Boston, same.....	22 33	
Hoyt, Fogg & Donham, 4 copies Maine Year Book	5 00	
Greenough & Co., 6 Bangor Directories.....	9 00	
	<hr/>	529 98
G. W. Merrill & Co., furniture for City Council		
rooms.....	64 50	
Dole Brothers, chairs, etc.....	15 85	
Kenduskeag National Bank, for wire railing for		
Treasurer's office.....	15 00	
Joseph E. Merritt, work on same.....	9 25	
	<hr/>	104 60
Amount expended in consequence of burning of		
High School house, viz:		
S. P. Bradbury, sundry small bills.....	70 58	
Morse & Co., lumber.....	180 06	
Leighton, Davenport & Co., steam radiators, etc.	178 68	
Getchell & Leighton, plumbing.....	22 88	
Robinson & Sturtevant, mason work.....	5 00	
E. F. Shaw, painting.....	37 00	
Charles Sinnott, joiner work.....	96 95	
	<hr/>	
Amounts carried forward	\$591 15	\$9,966 C2

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CITY OF BANGOR.

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Amounts brought forward	\$591 15	\$9,966 02
W. E. Mansur, same.....	39 95	
Lowell & Tibbetts, same.....	35 96	
	<hr/>	667 06
Same, materials, general repairs City Hall, Police quarters, etc.....	330 79	
G. W. Mansur, screen doors, bill boxes, etc.....	21 81	
W. E. Mansur, renewing composition roof, Court street building.....	235 00	
	<hr/>	587 60
Getchell, Leighton & Co., plumbing and repairs..	28 03	
Leighton, Davenport & Co., plumbing in Council Room.....	21 17	
Jona. Burbank, gas fitting.....	5 45	
M. Lynch, keys, repairing locks, etc.....	16 40	
	<hr/>	71 05
E. F. King, painting and whitewashing.....	14 00	
E. F. Shaw, painting at City Hall.....	114 01	
Robinson & Sturtevant, mason work.....	47 84	
Sawyer & Ryan, same.....	4 25	
Fletcher & Butterfield, commode top, etc.....	14 65	
	<hr/>	199 75
F. H. Duffy, labor and materials for concrete ap- proach to Police Station.....	129 75	
S. F. Jones & Son, granite curb for same.....	54 00	
Bangor Foundry & Machine Co., for iron posts, etc., for same.....	29 10	
Hincks & Nealley, chain for same.....	7 76	
	<hr/>	220 61
Bangor Foundry & Machine Co., repairs on public clocks	8 26	
W. H. Edmunds, same.....	1 50	
Arthur L. Hopkins, for church bell rope.....	2 75	
A. H. Roberts & Son, linoleum carpet, window shades, etc.....	52 72	
J. P. Gould, stove pipe and labor.....	3 16	
A. Noyes & Co., pipe, water cooler, etc.....	20 30	
	<hr/>	88 69
Cemetery Board, work at cemeteries.....	125 00	
B. N. & H. B. Thoms, hearse and runners.....	275 00	
Staples & Ring, repairing and painting hearses...	69 10	
E. W. Stevens, repairs of same.....	19 10	
Andrew Kelly, Jr., iron work for same.....	43 25	
	<hr/>	531 45
Amount carried forward,		\$12,332 23

Amount brought forward,		\$12,332 23
Robert J. Hickson, removal of nuisance.....		15 00
Town of Brewer, tax on land.....	10 53	
S. J. Finson, 30 yards sheeting and work.....	4 00	
F. O. Beal, horse hire, (1877).....	7 00	
J. S. Kimball, auctioneer's services, (1880).....	10 00	
State Reform School, board of 3 boys.....	156 00	
Maine Industrial School, board of girls.....	96 75	
	<hr/>	284 28
Chalmers & Danforth, covering culvert near M. C. R. R. depot.....	100 00	
Nat'l Bell Telephone Co., year's rent.....	120 00	
	<hr/>	220 00
Thos. W. Vose, amount paid for legal costs and expenses.....	14 06	
Barker, Vose & Barker, same.....	16 35	
W. F. Reed, for witness fees.....	18 69	
A. E. Hardy, examining records.....	3 00	
D. Sargent, attendance at court, etc., (1879).....	4 00	
Varney & Rawson, settlement of damages.....	300 00	
	<hr/>	356 10
Wm. H. Brown, M. D., examination insane case..	3 00	
E. M. Field, M. D., same.....	6 00	
Wm. H. Simmons, M. D., same.....	6 00	
H. L. Jewell, M. D., same.....	6 00	
Calvin Seavey, M. D., same.....	3 00	
D. Hennessey, M. D., same.....	6 00	
H. F. Hanson, M. D., same.....	3 00	
Wm. C. Mason, M. D., same.....	6 00	
Same, services at Police Station, etc.....	9 00	
A. W. Plummer, M. D., same.....	10 00	
Same, examination insane cases.....	12 00	
	<hr/>	70 00
Same, services in small pox cases.....	11 00	
Joel A. Seavey, same.....	9 00	
Wm. J. Peaseley, same.....	23 00	
	<hr/>	43 00
		<hr/>
		\$13,320 61
Balance unexpended.....		549 65
		<hr/>
		\$13,870 26

SALARY.

RECEIPTS.

Amount of appropriation.....	\$4,500 00
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EXPENDITURES.

Lysander Strickland, Mayor.....	\$500 00	
Victor Brett, City Clerk.....	600 00	
O. F. Youngs, Clerk of Common Council.....	100 00	
John L. Crosby, City Treasurer,.....	500 00	
Same, Collector of taxes.....	1,396 79	
Thomas W. Vose, City Solicitor.....	450 00	
John J. Flynn, Harbor Master,.....	250 00	
Henry Gale, Health Officer,.....	300 00	
A. W. Plummer, City Physician.....	250 00	
Henry R. Cowan, Superintendent of clocks.....	60 00	
T. A. Heiskell, City bell ringer.....	80 00	
	\$4,486 79	
Balance unexpended.....		13 21
		\$4,500 00

F I R E

RECEIPTS.

Amount of appropriation.....	\$15,000 00	
Sale of manure and condemned hose	37 50	
	\$15,037 50	

EXPENDITURES.

SALARIES.

Otis D. Maddocks, Chief Engineer.....	\$300 00	
John Mason.....	65 00	
Samuel A. Fellows.....	65 00	
James F. Maloney.....	65 00	
Joseph E. Merritt.....	300 00	
Amount carried forward,	795 00	

Amount brought forward,

\$795 00

STEAMERS "LIBERTY," "UNION," AND "VICTORY."

Ambrose Merrill, driver and steward.....	\$540 00
Same, for washing and repairing bedding, etc....	26 00
Benj. F. Jordan, driver of hose cart.....	144 00
Martin Rimbach, fireman, 6 months.....	36 00
F. E. Quimby, same, 8 months.....	48 00
Bangor Gaslight Co., for gas consumed.....	125 00
A. H. Babcock & Co., coal.....	80 09
T. G. Stickney, same.....	39 50
Bacon, Robinson & Co., wood and charcoal.....	10 23
Kent & Fisher, hay and straw.....	285 06
George L. Moor, same.....	22 40
Hopkins & Stanford, grain, etc.....	225 73
Morse & Co., meal.....	93 76
B. W. Gubtil, grain.....	54 90
Morse & Co., lumber.....	5 44
Charles S. Lombard & Co., harnesses and repairs	53 75
M. J. Madden, rings.....	1 00
D. C. Gould, pair harnesses.....	50 50
Charles Clayton, leather for hose.....	2 00
Wild & Haskell, veterinary services.....	26 00
Cowan & Fogg, shoeing horses.....	73 90
W. & L. Cutter, carpenter work.....	53
Lowell & Tibbets, same.....	28 62
B. N. & H. Thoms, repairs.....	1 25
John Mason, same.....	1 00
Getchell, Leighton & Co., plumbing, etc.....	10 36
Leighton, Davenport & Co., same.....	7 00
Thomas Jenness & Son, lanterns, windows, etc...	30 94
Geo. T. Allamby, composition casting.....	2 28
Wood, Bishop & Co., repairs on furnaces, etc....	29 75
Rice & Skinner, stove.....	18 00
Bangor Foundry & Machine Co., waste and packing	6 64
A. G. Fickett, repairs on suction.....	1 50
Hincks & Nealley, cordage.....	3 72
C. C. Prescott, bedsteads, mattresses, etc.....	13 53
A. H. Roberts & Son, window shades.....	3 95
N. S. Harlow, medicines, sponges, etc.....	14 70
W. E. Mann, oil, medicines, etc.....	13 70
M. Lynch, keys, repairing locks, etc.....	2 05

Amounts carried forward,.....

\$2,132 78

\$795 00

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CITY OF BANGOR.

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Amounts brought forward.....	\$2,132 78	\$795 00
E. F. Shaw, painting.....	2 19	
Bangor Water Works, water service.....	141 00	
	<hr/>	2,275 97

UNION HOSE COMPANY.

Wages of 25 firemen, year 1881, \$40 per year.....	\$1,000 00	
Company, for hauling hose cart.....	12 00	
Matthew Moriarty, steward, 1881.....	50 00	
F. D. Pullen, rubber coats.....	48 00	
Robinson & Arey, rubber coats and blankets.....	28 00	
Bangor Gaslight Co., for gas consumed.....	38 75	
Bacon, Robinson & Co., coal.....	45 80	
T. G. Stickney, same.....	6 50	
Getchell, Leighton & Co., plumbing and repairs..	15 01	
Lowell & Tibbets, carpenter work.....	64 17	
W. & L. Cutter, same.....	9 03	
John Mason, repairs on apparatus.....	18 95	
E. F. Shaw, painting.....	40	
R. P. Young, cementing cellar and drains.....	69 73	
B. N. & H. B. Thoms, repairing apparatus.....	7 75	
W. H. Pritchard, chimney top and labor.....	7 25	
Wm. H. Hill, stove and fixtures.....	44 05	
H. A. Furbish, making coats.....	1 80	
Hincks & Nealley, flag.....	5 00	
Bangor Water Works, water service.....	15 00	
	<hr/>	1,487 19

CHAMPION HOOK AND LADDER COMPANY.

Wages of 15 firemen, year 1881, at \$40.....	600 00	
Chas. S. Clark, driver for 1881.....	420 00	
Bangor Gaslight Co., for gas consumed.....	19 25	
T. G. Stickney, coal.....	5 50	
Hincks & Co., same.....	39 25	
Hopkins & Stanford, grain.....	23 71	
B. W. Gubtil, same.....	10 04	
Kent & Fisher, hay and straw.....	98 90	
Geo. L. Moor, same.....	10 04	
Cowan & Fogg, shoeing horse.....	8 50	
Wild & Haskell, veterinary service.....	6 00	
C. S. Lombard & Co., harness work.....	4 10	
W. S. Nickerson, oil, soap, wash leather, etc.....	6 27	
	<hr/>	
Amounts carried forward.....	\$1,251 56	\$4,558 16

Amounts brought forward,.....	\$1,251 56	\$4,558 16
W. E. Mann, same.....	1 20	
W. & L. Cutter, repairs to house.....	14 76	
Lowell & Tibbets, same.....	7 05	
John Mason, repairs to apparatus, etc.....	4 65	
B. N. & H. B. Thoms, same.....	15 50	
Thos. Jenness & Son, lanterns, etc.....	4 40	
Staples & Ring, painting apparatus.....	32 00	
M. Dyer, paint, etc.....	2 55	
W. H. Pritchard, repairs on stove, etc.....	11 70	
M. Lynch, keys, etc.....	1 00	
M. Schwartz' Sons, grinding axes.....	1 50	
Bangor Water Works, water service.....	15 00	
	<hr/>	1,362 87

HOLLY HOSE COMPANY, NO. 7.

Wages of 15 firemen for year 1881, at \$40.....	\$600 00	
Wages of 1 fireman for year 1880.....	40 00	
Wm. Daniels, steward for 1881.....	50 00	
J. F. Parkhurst, rent of hose house to Feb. 1, 1882	120 00	
Henry O. Pierce, paid for hauling hose cart.....	12 00	
Dean & Pierce, kerosene oil.....	9 00	
Bacon, Robinson & Co., coal.....	13 80	
Hincks & Co., same.....	7 00	
F. D. Pullen, rubber coats.....	4 00	
Thos. Jenness & Son, lanterns, etc.....	2 27	
Geo. H. Chick, badges.....	4 00	
S. A. Fellows, repairs.....	50	
John F. Foster, lettering hats.....	1 25	
A. Noyes & Co., stove pipe.....	75	
Buckley & Maloney, same.....	4 10	
Bangor Water Works, water service.....	10 00	
	<hr/>	878 67

ELIJAH LOW HOSE COMPANY NO. 8.

Wages of 15 firemen, 6½ months at \$40.....	\$333 33	
M. H. Finnegan, steward.....	29 18	
C. Griffin, same.....	27 78	
Company, for hauling hose cart.....	8 00	
Same, flag staff, etc.....	12 00	
F. D. Pullen, for rubber coats.....	28 00	
Hincks & Co., coal, etc.....	14 03	
Getchell, Leighton & Co., repairs.....	3 43	
	<hr/>	

Amounts carried forward,.....	\$456 35	\$6,799 70
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CITY OF BANGOR.

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Amounts brought forward.....	\$456 35	\$6,799 70
B. N. & H. B. Thoms, same.....	2 50	
Thos. Jenness & Son, lantern.....	1 00	
Bangor Gaslight Co., gas consumed.....	25 75	
M. Lynch, locks and keys.....	2 75	
E. F. Shaw, painting.....	1 40	
Bangor Water Works, water service.....	10 00	
	<hr/>	499 75

EUREKA HOSE NO. 9.

Wages of 13 firemen for year 1881, at \$20.....	\$260 00	
Wages of 2 firemen, 10 months.....	33 33	
S. D. Jones & Son, rubber coats.....	40 50	
John M. Ward, steward.....	20 00	
J. C. Bowen, rent of land.....	10 00	
F. Overlock, wood.....	5 25	
W. H. Pritchard, stove and pipe.....	4 00	
R. F. Bates, repairs on carriage.....	2 50	
M. Lynch, keys, etc.....	2 60	
	<hr/>	378 18

GENERAL EXPENSES.

Bangor Water Works, for 153 hydrants.....	\$6,120 00	
New York Belting & Packing Company, for 500 feet leading hose.....	435 00	
Matthew Moriarty, care of hose for 1881.....	200 00	
W. & L. Cutter, repairs on reservoirs.....	106 76	
N. S. Harlow, vitriol for fire alarm telegraph....	7 86	
L. G. Tillotson, (N. Y.) for gravity zincs, same..	20 00	
W. S. Barnes, repairs on same.....	10 00	
L. Timmons, painting engine, etc.....	16 75	
Leighton Brothers, repairing rubber coats.....	13 50	
Charles B. Brown, brooms.....	3 00	
B. N. & H. B. Thoms, repairs.....	3 20	
Geo. W. Spratt, horse hire.....	1 50	
D. M. Clark, same.....	1 00	
Fuller & Stanford, grain (1878).....	3 90	
Wilbur L. Haskell, allowance for injury.....	10 00	
	<hr/>	6,952 47
		<hr/>
		\$14,630 10
Balance unexpended.....		407 40
		<hr/>
		\$15,037 50

POLICE.

RECEIPTS.

Amount of appropriation.....	\$7,000 00	
Fees received from City Marshal.....	209 46	
County Treasurer.....	915 38	
Police Judge.....	754 00	
Balance overdrawn	325 30	
	<hr/>	\$9,204 14

EXPENDITURES.

Ezra C. Brett, Judge Police Court.....	\$900 00	
William F. Reed, City Marshal.....	900 00	
Sylvester Gordon, Policeman.....	600 00	
William Weymouth, same.....	600 00	
James Nickerson, same.....	600 00	
Daniel J. Colson, same.....	600 00	
Charles E. McCoy, same.....	600 00	
Patrick J. Doherty, same.....	600 00	
Thomas F. Allen, same.....	600 00	
Allen H. C. Rice, same.....	600 00	
Benjamin E. Walker, same.....	600 00	
James T. Mayville, same.....	600 00	
Alvin Reed, same.....	576 85	
J. Lewis Howe, same.....	576 85	
William F. Reed, cash expenditures, viz.:		
Conveying persons to State Reform School.....	32 25	
Same, to Industrial School.....	4 00	
Travelling expenses in pursuit of sundry criminals	64 12	
Telegrams, postage, board and transportation of prisoners, etc	19 09	
A. W. Plummer, M. D., professional services to prisoners at Police Station.....	13 00	
Thos. Jenness & Son, padlocks, lanterns, oil, etc.	35 03	
Thompson & Kellogg, food for prisoners, tramps, etc.....	68 30	
Robinson & Arey, blankets.....	9 00	
A. Noyes & Co., repairs on stove, etc.....	5 65	
	<hr/>	\$9,204 14

SEWERS.

RECEIPTS.

Amount of Appropriation.....		\$6,500 00
Collected by City Treasurer, viz.:		
On sewers constructed in 1881.....	\$454 62	
“ “ 1880.....	362 75	
“ “ prior to 1880.....	673 29	
	<hr/>	1,490 66
		<hr/>
		\$7,990 66

EXPENDITURES.

Thomas W. Baldwin, Superintendent of sewers, for labor, constructing and repairing sewers, cleaning cesspools, and petty cash items...	\$3,594 87
B. C. Additon, for brick	1,173 21
Stoddard & Hellier, same.....	79 10
Henry Lord, same.....	64 12
James B. Fiske, cement.....	548 15
R. S. Page, sand.....	87 10
Hinckley & Egery Iron Co., cesspool tops and grates	172 16
Boston Machine Co., same.....	10 95
Levi Fletcher, same, (stone).....	9 50
Chalmers & Danforth, earthwork.....	16 65
Highway Department, same	700 00
Water Department, for water for flushing sewers	400 00
Leighton, Davenport & Co., drain pipe, etc.....	88 26
N. G. Higgins, for occupation of Roberts' dock while constructing sewer extension.....	125 00
Geo. Savage, use of hoisting scow.....	4 00
Morse & Co., for plank, etc.....	255 70
Joseph Wharff, for cart for Department, etc.....	145 24
Jefferson Crocker, allowance on cost of stone sewer, between Carroll and Parker streets	150 00
Bangor Edge Tool Co., repairing and sharpening picks.....	16 30
John Mason, repairs on tools, etc.....	18 75
Chas. B. Brown, lumber and labor.....	13 30
Lowell & Tibbets, same.....	16 74
Joseph E. Merritt, repairing hose.....	4 75
	<hr/>
Amount carried forward	\$7,693 85

Amount brought forward	\$7,693 85	
R. W. Kimball, rings for hose	2 00	
S. D. Jones & Sons, 3 rubber coats.....	10 50	
J. C. Buzzell, nails.....	3 50	
Haynes, Pillsbury & Co., nails and hardware....	30 98	
Rice & Skinner, nails, hardware, etc.....	13 79	
Wm. H. Hill, lanterns, etc.....	5 65	
Thompson & Kellogg.....	8 88	
Wood, Bishop & Co., funnel irons, etc.....	4 70	
D. Andrews, for oar broken.....	3 50	
T. F. Cassidy, iron work.....	7 28	
Henry McLaughlin	8 25	
	<hr/>	\$7,792 88
Balance unexpended.....		197 78
		<hr/>
		\$7,990 66

BANGOR WATER WORKS.

RECEIPTS.

Amount of appropriation.....	\$14,000 00	
charged other Departments.....	8,114 00	
Water rates received of G. W. Snow, Collector...	17,900 00	
	<hr/>	\$40,014 00

EXPENDITURES.

LAND DAMAGES.

Sabina Howard, damages.....	\$96 00	
A. Orcutt, same.....	50 00	
Hannah Orcutt, same.....	10 00	
Michael Breen, same.....	325 00	
C. L. Marston, bill for making road.....	79 48	
A. J. Merrill, damages.....	75 00	
Lemuel Nichols, horse hire.....	4 00	
David A. Fox, damages.....	75 00	
F. W. Wood, making road, Eddington.....	60 00	
Wm. P. Wingate, same.....	460 00	
	<hr/>	1,234 48
Amount carried forward,		<hr/>
		\$1,234 48

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Amount brought forward, \$1,234 48

CONSTRUCTION AT DAM—REPAIRS OF SLUICE.

Jas. McGee, hauling boughs.....	80
H. C. Cram, trucking.....	2 70
John Savage, for paid for labor.....	95 00
Wm. Martin, spruce log.....	2 50
P. Riley, labor.....	3 00
John Savage, services.....	113 08
L. R. Marsh, trucking.....	5 80
Morse & Co., lumber and trucking same.....	180 35
Cutler & Eddy, lumber.....	145 22
Bangor Foundry & Machine Co., spikes.....	37 17
N. H. Bragg & Sons, bolts and spikes.....	90 59

 676 21

SERVICE ACCOUNT.

Paid for labor.....	1,566 98
Hinckley & Egery Iron Co., iron work.....	488 62
Thos. Cunningham & Sons, pipe and cocks..	205 10
Getchell, Leighton & Co., plumbing.....	42 24
Leighton, Davenport & Co., same.....	80 10
Sumner & Goodwin, pipe and nipples.....	45 10
G. W. Goodwin & Co., tools.....	5 70
Chadwick Lead Works, pipe.....	26 27
Union Water Meter Co., repairing meters...	9 85
Geo. T. Allamby, water cocks.....	8 97
Geo. Woodman & Co., cocks and nipples....	46 83
Bacon, Robinson & Co., coal.....	6 50
Walworth Manufacturing Co., cocks and nip- ples	21 20
A. A. Moody, charcoal.....	8 76
C. Hayward & Co., oil.....	3 24
J. H. Eldridge, painting.....	8 29
J. Semple, repairing stove.....	1 80
A. Noyes & Co., dippers.....	1 00
For blacksmith work.....	23 45
For trucking.....	39 21
For freight.....	47 02
M. Lynch, repairing locks and keys.....	1 25

 \$2,687 48

R. D. Wood & Co., for 1674 feet 12½ main pipe

 716 74

Amount carried forward

 \$5,314 91

Amount brought forward, \$5,314 91

RUNNING EXPENSES AT WORKS.

Salary of Wm. W. Fellows, Engineer and Assistant from Feb. to March, 1881.....	\$108 33	
Same, 11 months from March 1881, to Feb. 1882..	1.237 50	
Same, for paid sundry bills of labor.....	28 91	
J. McGee, hauling wood.....	27 60	
A. G. Ring, wood.....	17 38	
P. McGee, same.....	45 00	
Gage & McCulloch, same.....	15 00	
E. Quinn, labor.....	2 00	
T. Jenness & Son, hardware.....	14 53	
J. S. Ricker & Co., lamps, chimneys.....	6 80	
Hinckley & Egery Iron Co., iron work.....	16 53	
Lockwood Co., cop waste.....	17 00	
Bacon & Huckins, coal.....	7 00	
Bacon, Robinson & Co., same	13 00	
J. E. Merritt, machinist work.....	19 27	
Hincks & Nealley, flag and cordage.....	12 31	
Holly Manufacturing Co., bronze boxes.....	20 75	
Bangor Foundry & Machine Co., iron work.....	10 75	
C. Hayward & Co., oil.....	31 47	
C. Richardson & Son, gear grease.....	15 36	
W. S. Nickerson, oil.....	1 15	
J. C. Buzzell, scythe, etc.....	1 35	
S. A. Fellows, blacksmith work.....	3 84	
R. B. Dunning, bone meal.....	2 50	
C. E. Lander, barrow wheel.....	2 00	
F. & J. McGee, cutting ice.....	3 12	
N. H. Bragg & Sons, sundries.....	1 00	
F. O. Norris, trucking.....	1 50	
Paid freight.....	85	
		\$1,683 80

MISCELLANEOUS EXPENSES.

Paid labor on boom.....	67 42	
J. E. Green, care of Fishway.....	97 00	
F. W. Doherty, damage to horse.....	40 00	
T. F. Cassidy, chain and cant-dogs.....	22 05	
E. Quinn, services wrecking below dam.....	125 00	
J. L. Cutler, expense to Massachusetts to employ Engineer.....	20 00	
J. B. Francis, services as Engineer.....	422 60	
Amounts carried forward.....	\$794 07	\$6,998 71

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Amounts brought forward.....	\$794 07	\$6,998 71
Paid Bangor Bridge Co., tolls.....	10 00	
H. McLaughlin, ice saw.....	6 75	
Kent & Fisher, hay for dam.....	5 23	
Morse & Co., lumber.....	18 09	
E. D. Quimby, trucking.....	11 00	
J. A. Haskell, Mechanical Telephone, and re- pairing same.....	8 95	
J. H. Eldridge, painting.....	2 90	
H. Peavey, iron work.....	2 35	
Bangor Edge Tool Co., chisel.....	1 50	
J. G. Dummer, use of team.....	4 50	
Bangor Foundry & Machine Co., sundries....	1 93	
City Directory.....	1 50	
Young & Bartlett, repairing roof at Works..	1 05	
G. W. Brown, sheriff's fees.....	1 62	
Telegram to Philadelphia.....	50	
	<hr/>	871 94

HORSE ACCOUNT.

Paid E. H. Cass, oats and feed.....	85 35	
Delano & Millett, shoeing.....	12 05	
Thos. Millett, same.....	4 80	
T. McAloon, same.....	9 00	
B. N. & H. B. Thoms, for wagon.....	85 00	
Lowell & Tibbets, building shed.....	17 69	
F. P. Wood, carriage top.....	13 00	
D. C. Gould, harness work.....	10 05	
J. G. Dummer, use of horse.....	2 00	
Thompson & Kellogg, rug.....	1 15	
S. A. Fellows, blacksmith work.....	5 95	
Hay and straw.....	45 49	
Medicine.....	1 00	
	<hr/>	292 53

OFFICE ACCOUNT.

Paid for postal cards, stamps, etc.....	17 92	
	<hr/>	17 92

SALARIES.

Salary of Superintendent.....	800 00	
Same, of Collector and Clerk.....	600 00	
	<hr/>	1,400 00
Interest on water loan.....		30,360 00
		<hr/>
Balance unexpended.....		\$39,941 10
		72 90
		<hr/>
		\$40,014 00

CITY AGENCY.

RECEIPTS.

Cash on account of sales at Agency, received from Edward Jordan, Agent.....	\$11,350 00
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EXPENDITURES.

W. Z. Clayton, State Commissioner, for liquors, etc	\$9,177 41
Edward Jordan, for incidental expenses, including rent, etc.....	437 92
Same, salary as City Agent.....	500 00
Bangor Water Works, private service.....	5 00
	<hr/>
	\$10,120 33
Balance unexpended.....	1,229 67
	<hr/>
	\$11,350 00

G A S

RECEIPTS.

Amount of appropriation.....	\$4,600 00
Balance overdrawn.....	36 23
	<hr/>
	\$4,636 23

EXPENDITURES.

Paid Bangor Gaslight Co., viz.:			
25 lamps, 12 months, \$37 00.....		925 00	
71 12 27 00.....		1,917 00	
1 6 27 00.....		13 50	
4 2 27 00.....		18 00	
1 1½ 27 00.....		3 37	
		<hr/>	\$2,876 87
Paid Globe Gas Company of Boston, viz.:			
87 lamps, 12 months, \$15 00.....		1,305 00	
3 7½ 15 00.....		28 12	
2 5½ 15 00.....		13 75	
1 5 15 00.....		6 25	
3 4 15 00.....		15 00	
1 2 15 00.....		2 50	
7 12 18 00.....		126 00	
1 (bridge)12 		36 00	
		<hr/>	
Amounts carried forward,.....	\$1,532 62		\$2,876 87

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CITY OF BANGOR.

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Amounts brought forward.....	\$1,532 62	\$2,876 87
Paid extra lighting January and February, 1882..	3 00	
9 lanterns, 5 50.....	49 50	
1 frame, 	1 50	
cases and cartage, 	3 39	
	<hr/>	1,590 01
Abby N. Robshaw, lighting lanterns on bridge	16 25	
J. C. Buzzell, for glass.....	9 90	
Haynes, Pillsbury & Co.....	20 59	
Thos. Jenness & Son, paint and oil.....	12 05	
	<hr/>	58 79
Paid W. G. Duren, viz.:		
for 17 posts for Globe lights.....	18 20	
12 frames for same.....	15 00	
painting posts and lanterns.....	51 70	
sundry items for labor, repairs, etc.....	25 66	
	<hr/>	110 56
		<hr/>
		\$4,636 23

INTEREST.

RECEIPTS.

Amount of appropriation.....	\$20,000 00	
Received on non-resident taxes.....	20 27	
on deposits.....	661 65	
Balance overdrawn.....	467 36	
	<hr/>	\$21,149 28

EXPENDITURES.

Coupons on Municipal Loans.....	15,020 00	
Interest on Temporary Loans.....	849 28	
Interest on Trust Funds.....	5,280 00	
	<hr/>	\$21,149 28

N. B. The Coupons on "Water Loan" Bonds are charged in the Water Fund.

PERMANENT LOAN.

RECEIPTS.

Amount of appropriation.....	\$15,000 00
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EXPENDITURES.

Loan "R," dated July 27, 1861, matured July 27, 1881.	
Bonds No. 1, 2, 3, 4, 17, 18, \$500 each.....	\$3,000 00
Bonds No. 5-16, \$1,000 each.....	12,000 00
	\$15,000 00

TEMPORARY LOANS.

RECEIPTS.

Amount of Treasurer's notes discounted.....	\$62,000 00
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EXPENDITURES.

Paid City Treasurer's notes as follows:	
March 15, 1881, 8 months.....	\$5,000 00
March 15, 1881, 8 months.....	5,000 00
April 28, 1881, 6 months.....	2,000 00
June 10, 1881, 5 months.....	5,000 00
June 28, 1881, 4 months.....	20,000 00
July 21, 1881, 4 months.....	10,000 00
July 21, 1881, 3 months.....	5,000 00
Sept. 7, 1881, 2 months.....	10,000 00
	\$62,000 00

DISCOUNT ON TAXES.

RECEIPTS.

Amount of appropriation.....	\$20,000 00
Balance overdrawn.....	437 21
	\$20,437 21

EXPENDITURES.

10 per cent. discount on \$204,004.51.....	\$20,400 45
5 per cent. discount on \$894.46.....	44 72
	\$20,445 17
Less fractional gains.....	7 96
	\$20,437 21

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CITY OF BANGOR.

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OVERLAYINGS.

RECEIPTS.

Amount of appropriation.....	\$11,094 71
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EXPENDITURES.

Amount of abatements on taxes, allowed by Assessors, as per certificate.

For 1873	\$48 72	
1874.....	47 07	
1875.....	39 88	
1876.....	157 42	
1877.....	332 05	
1878.....	257 11	
1879.....	542 66	
1880.....	923 46	
1881.....	1,195 38	
	<hr/>	3,543 75
Balance unexpended.....		7,550 96
		<hr/>
		\$11,094 71

REPORT OF THE SCHOOL COMMITTEE.

REPORT

OF THE

SUPERINTENDING SCHOOL COMMITTEE.

TO THE CITY COUNCIL:

We have the honor of presenting for your consideration a report of the school work of this city for another year.

The membership of the committee having been unchanged, for the first time in its history, the year has been largely devoted to the prosecution of the work outlined in our last report, with no hindrances save those arising from its magnitude and character. And the results have been most gratifying.

PRINCIPALSHIP.

The most important, and perhaps the most problematical of the acts of the previous year, was that of placing all our schools above the Intermediates under the supervision and control of one mind, in the election of Mr. C. M. Jordan as their Principal. This has resulted well, and that which was an experiment at the writing of our last report is now a marked success. The year has been one of harmonious, spirited and thorough work in all the classes and among all the teachers of these schools, and gives promise, under the same control, of still better results in the near future.

PROMOTIONS.

Scholarship, as indicated in our last report, has been rigidly insisted upon in promotions during the year, the committee conducting uniform examinations in the Intermediates, preparatory to entering the Grammar School. Higher, the

Principal and teachers have practiced a system of careful, written examinations, with sixty per cent. as the lowest rank. While this has led directly to greater diligence and closer application on the part of the pupils, it has also promoted a generous rivalry among the teachers, and in elevating the standard of scholarship has increased the efficiency of the schools. The committee hope to realize far more from a faithful adherence to this practice in the year to come.

UNGRADED SCHOOLS.

At the beginning of the present school year an Ungraded School was established on the east side under Miss Lizzie J. Shaw, according to the suggestion in our last report. To this were sent such pupils from the Grammar School classes on that side as had failed from absence or other causes to maintain their standing, with the expectation that they would make such progress under special instruction and new incentives, as would speedily grade most of them again. In this the committee has not been disappointed, and the work done in that school made the demand on the west side so imperative that the second school was opened there under Mrs. Sara A. Hammatt, at the beginning of the winter term, it having been early found that one would not suffice for both sides, as the committee had originally hoped.

Only one additional teacher will be necessary, however, as the school on the east side takes the place of a third class in the Grammar School, the reduction in numbers caused by the Ungraded School making this possible. On the west side where the number of Grammar School classes was one less, this could not be done, and Mrs. Hammatt's school becomes the additional one asked for in our last report, and is now permanently established in the hitherto unoccupied upper room of the Bower street school house.

A satisfactory solution of many of the perplexing problems of our graded school system is found in this action, and while great relief will be afforded some heretofore over-

worked teachers, greater progress will be made by many pupils, and a partial course achieved by some before unprovided for.

TEACHERS' MEETINGS.

A meeting of the teachers has been held once in four weeks during the school year, which has been well attended and an inspiration to all. The discussion of practical questions by the teachers, invited gentlemen and the committee has been profitable, greater uniformity in work has been attained, and the zeal and knowledge of our best teachers have to some extent come to be shared by all. Our expectations with regard to the influence of these meetings have been fully met, and we look for still better results from them in the future.

SCHOOL YEAR.

The school year has been again lengthened by the favorable action of your honorable body, from thirty-four to thirty-six weeks, divided this year into terms of thirteen, eleven and twelve weeks, respectively. This gives general satisfaction, and is regarded as being sufficient for our present demands.

A NEW SCHOOL.

At the beginning of the school year a new Primary was established, with Miss Elisabeth M. Pond as teacher, in the third story of the Union Square Grammar School building, to accommodate a portion of the City, the necessities of which we were unable to meet in any other way. Since the fire this school has been removed to the Pond street Primary, where it is badly crowded, and will be returned to its old quarters as soon as the High School shall find a home of its own again.

BURNING OF THE HIGH SCHOOL BUILDING.

By that event, which occurred on the 18th of February, not only the High School but three classes of the Grammar

School were left without a shelter in the midst of their winter's work, and it was at first feared that serious delay as well as derangement must be unavoidable. But through the prompt and efficient action of Mr. Bradbury, the School Agent, and Mr. Jordan, the Principal, but little interruption has been suffered by the Grammar School classes, and the High School only lost five days. The derangement was necessarily considerable, and must still operate against these schools, as well as against two other classes in the Grammar School and two Primaries, which were as much affected by the changes made in getting to work again as those burned out.

For the present, and presumably for the rest of the school year, the changes and locations caused by the fire are as follows :

The High School occupies the third story of the Union Square Grammar School building, which has been hurriedly fitted up for its reception, and will be quite comfortable until the summer's heat shall seriously affect it. The greater distance to be traveled by some of the scholars will probably lessen the attendance and impair the results, and is to be greatly regretted.

The first class in the Grammar School, under Miss Fox, is comfortably located in the room in Abbot Square previously occupied by a second class under Miss Smith, who, with Miss Wright of the second class, which was burned out, goes to the upper room on Prospect street, where the two classes of the same grade are working very pleasantly together, suffering only from being crowded.

But in order to give them this room Miss Richardson, who was occupying it with the Ungraded School, had to be sent to very uninviting and poorly seated quarters in the York street building, where her work must suffer for various reasons, and her stay should be made as short as possible.

Miss Patten, also burned out, is back in her old quarters

on the ground floor of the Prospect street building, from which she had been removed less than a year, and is but slightly affected by the change, while Miss Titcomb, who occupied that room with the school known as the Abbot Square Primary, has been assigned to temporary quarters in the old National House.

The only other change is that of the new Primary under Miss Pond, on the west side, previously mentioned.

This has seemed the best that could be done, and great praise is due those schools and teachers who have been and are the greatest sufferers, for the cheerfulness and spirit with which they have accepted the inevitable, and it is confidently hoped their patience will not be too severely taxed by any unnecessary delays in the future.

TEXT BOOKS.

But little change has been made in text books within the year. "Swinton's New Language Lessons" has been made our first book in Grammar. "Thompson's Intellectual Arithmetic" in the Intermediate and Grammar Schools, and three supplementary reading books to accompany the three lower numbers of the Appleton series, have been authorized, at the option of the teachers.

CONCLUSION.

In conclusion the committee would respectfully call the attention of your honorable body to the imperative necessity, as it seems to us, for having whatever building or buildings you may decide to erect, finished and ready for use at the beginning of the fall term in September next. Great injury to our work would inevitably result, should we be obliged to commence the next school year in our present condition.

We would also respectfully submit for your judicious consideration the fact that our schools are now conducted upon principles of economy so rigid as to seriously embarrass us and cripple our work. Our Suburban school teachers are so

poorly paid that we cannot command the talent in them which they require, those teachers we assign to them being mostly beginners, who accept the positions only as stepping stones to promotions in the city, upon gaining which, the schools are again left in inexperienced hands. This affords sufficient ground for continual complaints, and as the Suburban school year is only thirty weeks, we deem it just and wise that experienced teachers should be given them, who shall be so well paid as to make it an object for them to remain.

Most of our teachers are inadequately paid for the service they are rendering. Many of them are teaching from forty to fifty scholars each in crowded rooms, without assistance, with definite results expected of them by the graded system, regardless of the character and ability of their pupils, making such a demand upon them as taxes them to the utmost, and is correspondingly paid elsewhere. But we are paying them for such work salaries fixed years ago in an hour of so-called retrenchment, when they were reduced to the lowest living figures, while all the necessities of life since then have greatly appreciated. Simple justice to noble teachers demands that some advance should be made in this direction ; and also that sufficient means should be placed at our disposal to increase the number of our schools of some grades, relieve some overburdened teachers, advance many of our pupils more rapidly, and greatly facilitate our work.

Also we would make mention of the faithful, conscientious and efficient service rendered by the School Agent, Mr. S. P. Bradbury, and his gentlemanly courtesy throughout the year. To his full report we respectfully refer you for all further details of our work.

WM. H. SIMMONS,
RICH'D KELLIHER,
R. L. HOWARD,
LEVI L. PAINE,
D. A. ROBINSON.

REPORT

OF THE

SCHOOL AGENT.

TO THE CITY COUNCIL:

The following report, showing the receipts and expenditures of the School Department for the past municipal year, is respectfully submitted :

RECEIPTS.

Appropriation	\$24,000 00
State school mill tax.....	8,257 35
State high school fund.....	250 00
Tuition from non- resident scholars.....	131 40
Books, broken glass, etc.....	43 99
From last year.....	7 20
	<hr style="width: 10%; display: inline-block; vertical-align: middle;"/> \$32,689 94

EXPENDITURES.

Salaries of teachers.....	\$23,709 88
Salaries of S. S. Committee.....	250 00
Salary of Truant Officer.....	50 00
Salary of School Agent.....	750 00
Salaries of Janitors.....	1,376 00
Material and repairs.....	1,872 91
Fuel.....	1,806 31
Preparing and putting in wood.....	173 29
Desks and other furniture.....	135 49
School supplies.....	217 85
Books.....	209 03
Miscellaneous.....	1,165 15
Unexpended balance.....	974 03
	<hr style="width: 10%; display: inline-block; vertical-align: middle;"/> 32,689 94

T A B L E ,

Showing the Expenses of the School Department, the Number of Scholars in City, the Number Registered, &c., from 1868 to 1881.

Year ending March 1.	Fuel.	Books.	Repairs.	Paid Teachers.	Total Expenditures.	Number of Legal Scholars.	Number Registered.	Length of School year in weeks.
1868	\$1,672 89	\$139 31	\$1,728 39	\$20,144 34	\$25,284 44	5,449	3,572	35
1869	2,066 36	191 99	1,405 53	21,020 91	26,777 91	5,382	3,570	37
1870	1,990 76	384 33	4,296 83	24,420 91	34,117 56	5,314	3,424	37
1871	2,214 16	180 78	2,217 29	24,163 86	31,270 93	5,293	3,323	37
1872	1,817 83	237 48	7,437 86	24,944 50	38,077 57	5,284	3,267	37
1873	2,012 57	205 80	2,057 29	26,510 40	34,273 31	5,262	3,182	37
1874	1,838 05	350 09	5,041 32	27,341 50	36,363 66	5,254	3,326	37
1875	2,924 77	411 65	12,004 73	27,504 00	48,558 89	5,123	3,327	37
1876	2,928 52	530 00	3,084 04	29,518 43	40,051 92	5,412	3,367	37
1877	2,774 24	691 16	2,232 02	31,537 57	41,511 65	5,586	3,503	37
1878	1,601 82	527 78	2,757 50	28,472 85	36,951 50	5,362	3,495	37
1879	1,985 75	471 34	2,198 45	21,978 23	29,630 42	5,390	3,163	32
1880	1,233 79	249 23	1,713 26	22,024 61	28,522 60	5,479	3,180	32
1881	1,317 06	246 69	2,134 06	23,202 37	30,568 83		3,120	34
1882	1,806 31	209 03	1,872 91	23,709 88	31,715 91	5,390	3,072	36

1882.]

CITY OF BANGOR.

75

Whole number of legal scholars in city, April 1, 1881, as returned by assessors.....	5,390
Whole number of scholars registered.....	3,072
Percentage registered of whole number in city...	58 3-5

HIGH SCHOOL.

Number registered in Summer term.....	159
Fall term.....	169
Winter term.....	165
Average attendance in Summer term.....	147
Fall term.....	165
Winter term.....	158
Percentage of attendance in Summer term.....	92
Fall term.....	98
Winter term.....	95

GRAMMAR SCHOOL.

Number registered in Summer term.....	707
Fall term.....	814
Winter term.....	760
Average attendance in Summer term.....	619
Fall term.....	712
Winter term.....	676
Percentage of attendance in Summer term.....	88
Fall term.....	89
Winter term.....	89

INTERMEDIATE SCHOOLS.

Number registered in Summer term.....	509
Fall term.....	555
Winter term.....	563
Average attendance in Summer term.....	442
Fall term.....	496
Winter term.....	484
Percentage of attendance in Summer term.....	87
Fall term.....	89
Winter term.....	86

PRIMARY SCHOOLS.

Number registered in Summer term.....	1,192
Fall term.....	1,113
Winter term.....	1,045
Average attendance in Summer term.....	1,017
Fall term.....	936
Winter term.....	884

Percentage of attendance in Summer term.....	85
Fall term.....	84
Winter term.....	84

SUBURBAN SCHOOLS.

Number registered in Summer term.....	334
Fall term.....	283
Winter term.....	303
Average attendance in Summer term.....	268
Fall term.....	228
Winter term.....	245
Percentage of attendance in Summer term.....	80
Fall term.....	80
Winter term.....	82
Number of schools in city—1 High, 16 Grammar, 2 Ungraded, 13 Intermediate, 20 Primary, 13 Suburban.....	65
Number of scholars registered under 6 years of age.....	193
over 16 years of age.....	143

Teachers required in each school:

High,	1	*principal, and 4 assistants.....	5
Grammar,	16	.....	16
Ungraded,	2	.....	2
Intermediate,	13	3 “ 	16
Primary,	20	7 “ 	27
Suburban,	13	.....	13
Writing,	1	.....	1
Total,			80
Number of different teachers employed during the year, males 3, females 95.....			98

Number of scholars to each teacher:

HIGH SCHOOL.

	Whole Number.	Average Number.
Summer term,	31	29
Fall term,	34	33
Winter term,		

*In High and Grammar.

Number of scholars to each teacher:

GRAMMAR SCHOOL.

Summer term,	41	36
Fall term,	47	42
Winter term,	44	39

1882.]

CITY OF BANGOR.

77

INTERMEDIATE SCHOOLS.

Summer term,	39	34
Fall term,	42	38
Winter term,	43	37

PRIMARY SCHOOLS.

Summer term,	45	38
Fall term,	41	34
Winter term,	36	32

SUBURBAN SCHOOLS.

Summer term,	24	20
Fall term,	21	17
Winter,	20	16

TUITION, INCLUDING FUEL, ETC.

	Per Week.	Per Year.
High School.....	59 cts.....	\$21 24
Grammar	30 cts.....	10 80
Intermediate	29 cts.....	10 44
Primary	23 cts.....	8 31
Suburban	30 cts.....	10 80

GRADUATING EXERCISES.

The graduating exercises of the High School for the class of 1881, were held in City Hall, Saturday morning, June 18th, as follows :

Prayer.

Music—Selection—High School Orchestra.

Salutatory—Grace P. Hersey.

Essay—Workers and Shirkers—Alice Bucknam.

Reading—Nauhaught, the Deacon—Carrie L. Weatherbee.

Music—Harp of the Winds—Misses Ames and Haynes.

Essay—Successful Failures—Nellie E. Sullivan.

Essay—Treasures and Treasure Seekers—Sadie N. Brown.

Class History—Hattie B. Smart.

Duet—Selection—Fred and Edward Adams.

Class Poem—Mary McSkimmon.

Class Prophecy—Ella M. Robinson.

Essay with Valedictory—Greatness is made, not born—Alice M. Schwartz.

Awarding of Diplomas.

Class Song—Florence M. Cummings.

PARTING HYMN.

The hour of parting now is come,
With classmates we shall meet no more ;
But memory's tablet still will keep
The faces bright, in days of yore.

May efforts of our teachers kind,
To each true knowledge to impart,
Be cherished still, as years roll on,
And ever bless with joy each heart.

Oh ! may the lessons of our youth
Be Wisdom's crown, in future years,
Which e'er shall rest upon the brow,
In highest hopes and darkest fears.

Though clouds of sorrow dim our hopes
As o'er life's dreary sea we roam,
Let us each strive to do our best,
Trusting that God will lead us Home.

Kind friends, dear teachers, fare you well;
May we when all life's toil is o'er,
Together meet around His throne
In Heaven, to say "farewell" no more.
Benediction.

NAMES OF GRADUATES.

Carrie B. Ames, Alice Bucknam, Sadie N. Brown, Florence M. Cummings, Lottie M. Davenport, Harry W. Gray, Grace P. Hersey, Lottie J. Jordan, Katie F. Lyons, Mary McSkimmon, Mildred E. Patten, Ella M. Robinson, Alice M. Schwartz, Hattie B. Smart, Nellie E. Sullivan, Carrie L. Weatherbee.

ANNIVERSARY EXERCISES

Of the Grammar Schools, June 17th, at 2.30 P. M.

Duet—Nellie and Annie Crane.

John Burns—Arthur Hamlin.

Rope Walk—Hattie Spratt.

Song—Rena Webster.

The Crow's Children—Blanche Vail.

Calling a Boy in the Morning—Nellie McCarthy.

Harmosen—Bert Robinson.

Duet—Annie Bussey, Vina Henry.

Guilty or Not Guilty—Jennie Dunning.

Mrs. Caudle's Lecture—May Connors.

A Mystery—Madeleine Giddings.

Music—Annie Bussey.

Young Robin Hood—Eva Pierce.

Relief of Lucknow—Bert Hall.

Discontented Buttercup—Emma McKinnon.

The Seasons—Florence Cobb, Alice Clark, Ernestine Thompson, Mamie Drummond.

Duet—Vina Henry, Elmer Withee.

Keenan's Charge—Fred Adams.

Three Nest Birds—Maggie Lee.

How He Saved St. Michael's—Roscoe Garland.

Mice at Play—Lizzie Moran.

Duet—Fred and Edward Adams.

The Shadow on the Blind—Heyward French.

Song—Annie Peters, Jennie Menges, Mattie Trask, Louise Bridges.

Robert of Lincoln—Rena Webster.

Song—Vina Henry.

My country 'tis of thee,
Sweet land of liberty,
Of thee I sing!
Land where my fathers died,
Land of the pilgrim's pride,
From every mountain side
Let freedom ring.

Let music swell the breeze,
And ring from all the trees
Sweet freedom's song!
Let mortal tongues awake;
Let all that breathe partake;
Let rocks the silence break,—
The sound prolong.

The work of the year has been of the usual character, repairs, improvements, and constant attention to the wants of the Department.

Early in the season grading and graveling was done in Abbot Square, making a much needed improvement. New walks were laid, and the old picket fence removed from the south line.

At the Union street school house Holly water was introduced, water closets made in the basement, the house repaired and painted, the old outbuilding removed, and the yard put in good order for a play ground.

The school house lot at York street has been graded and enclosed with a substantial fence, a large paved gutter located on the lower side near the south line, to carry off the surface water, a convenient privy added, also a new flight of steps and new walks, and the wood shed clapboarded and painted.

The other school houses have received customary repairs to keep them in proper running order.

The Superintending School Committee having established an additional Primary School, it was placed in the third

story of the Union Square Grammar School building, which was fitted up with approved desks and fixtures, making a pleasant and convenient room.

Experience has shown the school was a necessity, and it has proved a success. In this house it was found that a large amount of fuel was being consumed, but the rooms were insufficiently warmed. To remedy this, the flues around the boiler were reconstructed and direct radiators put into three of the school rooms with good results, proving, as we think, that the system of indirect radiation is not adapted to this cold climate.

On the 18th of February of this year the High School building was destroyed by fire, consequently the High School and three classes of the Grammar School were without rooms, and it was a serious question how to accommodate them with the shortest possible delay. The third story of the new Grammar School building appeared to be the most favorable place for the High School, and was fitted up for that purpose, by dividing the finished part into two rooms and by making two rooms of the unfinished half. A new floor was laid, the walls and ceiling were sheathed with planed and matched boards, and a large radiator placed in each room. Desks, seats, tables and chairs enough were recovered from the ruins to supply the four rooms, and altogether the High School is in quite comfortable quarters, and was at work again in five days, and can go through the closing term of the school year as now situated.

The first class Grammar (Miss Fox's) was put in Miss Smith's room in the north lower building in Abbot Square. Miss Smith and Miss Wright with their second classes were removed to the upper room in the brick house on Prospect street. Miss Patten with her third class being assigned to the lower room.

Miss Richardson with her Ungraded School and Miss Titcomb with her Primary were displaced by this arrangement.

Miss Richardson went to an unoccupied room in the York Street school house. The best provision for Miss Titcomb was a room in the vacant "National House."

These changes were made and the schools in operation on Monday following the fire of Saturday evening, except Miss Titcomb, who commenced on Thursday. Miss Pond, removed to make room for the High School, was put with Miss Silsby of the same grade on Pond street.

It will be seen by the foregoing, that the High, four classes of the Grammar and two Primary schools are poorly accommodated, in two cases two schools being crowded together where there should be but one, and you will pardon the suggestion that it is desirable to rebuild and have rooms in readiness for the commencement of the Fall term in September.

S. P. BRADBURY.

Bangor, March 15, 1882.

TABULAR VIEW,

Showing the different Schools and their Teachers; also, the number of
Scholars Registered, Average and Percentage of Attendance,
Wages of Teachers, etc., 1881-82.

HIGH SCHOOL.

Where Located.	Teacher.	Number Registered.	Average Attendance.	Percent. of Attendance.	Salary per year.
	Summer Term—12 Weeks.				
Abbot Square....	Charles M. Jordan, Principal..	159	147	92	\$ 1,200 00
	Jennie A. Philbrook.....				500 00
	Margaret F. Webber.....				450 00
	Lizzie L. Clark.....				400 00
	Ida J. Brown.....				400 00
	Fall Term—13 Weeks.				
Abbot Square....	Charles M. Jordan, Principal..	169	165	98	1,200 00
	Jennie A. Philbrook.....				500 00
	Ida J. Brown.....				425 00
	Lizzie L. Clark.....				425 00
	Ella M. Boyce.....				425 00
	Winter Term—11 Weeks.				
Abbot Square....	Charles M. Jordan, Principal..	165	158	95	1,200 00
until Feb'y 18th.	Jennie A. Philbrook.....				500 00
	Ida J. Brown.....				425 00
	Lizzie L. Clark.....				425 00
	Ella M. Boyce.....				425 00

*February 25th, located in third story of Union Square Grammar School Building.

TABULAR VIEW--Continued.

GRAMMAR SCHOOL.

Where Located.	Teacher.	Number Registered.	Average Attendance.	Percent. of Attendance.	Salary per year.
Summer Term--12 Weeks.					
Abbot Square....	Charles M. Jordan, Principal..				\$300 00
	Helen R. Fox.....	52	45	87	350 00
	Maria F. Smith.....	39	33	85	320 00
	Lou A. Spencer.....	31	30	97	320 00
	Lillian B. Cole.....	47	39	83	320 00
	Alice Patten.....	38	33	87	320 00
	Flora E. Wharff.....	39	36	92	320 00
Prospect Street...	Lizzie J. Shaw.....	42	36	86	320 00
Abbot Square....	Mary H. Burr.....	35	31	89	320 00
	Emma A. Blaisdell.....	39	35	90	320 00
Union Square....	Ella M. Boyce.....	37	31	84	350 00
	Annie L. Clapp.....	32	29	91	320 00
	Mary E. Costellow.....	48	42	88	320 00
	Mary E. Cochran.....	45	39	87	320 00
	Nancy A. Gilman.....	43	37	86	320 00
	Sarah H. Shaw.....	49	43	88	320 00
	Mary E. Glass.....	48	43	90	320 00
	Fannie E. Wright.....	43	37	86	320 00
Fall Term--13 Weeks.					
Abbot Square....	Charles M. Jordan, Principal..				\$450 00
	Helen R. Fox.....	52	48	92	370 00
	Maria F. Smith.....	42	39	93	345 00
	Fannie E. Wright.....	39	37	95	345 00
	Lillian B. Cole.....	47	43	91	345 00
Prospect Street...	Lizzie J. Shaw, Ungraded....	75	45	60	370 00
	Alice Patten.....	45	42	93	345 00
Abbot Square....	Flora E. Wharff.....	48	40	83	345 00
	Emma A. Blaisdell.....	50	41	82	345 00
	Mary H. Burr.....	48	43	90	345 00
Union Square....	Sarah H. Shaw.....	47	46	98	370 00
	Annie M. Pease.....	35	31	89	345 00
	Mary E. Costellow.....	36	34	94	345 00
	Sara A. Hammatt.....				
	Mary E. Cochran.....	52	47	90	345 00
	Mary E. Glass.....	53	47	89	345 00
	Nancy A. Gilman.....	48	43	90	345 00
	Emma F. Lewis.....	48	41	85	345 00
	Mary S. Snow.....	49	45	92	345 00

TABULAR VIEW—Continued.

GRAMMAR SCHOOL—Continued.

Where Located.	Teachers.	Number Registered.	Average Attendance.	Percent. of Attendance.	Salary per year.
	Winter Term—11 Weeks.				
Abbot Square....	Charles M. Jordan, Principal..	51	46	90	\$450 00
	Helen R. Fox.....	44	41	93	370 00
	Maria F. Smith.....	41	39	95	345 00
	Fannie E. Wright.....	45	41	91	345 00
	Lillian B. Cole.....	47	33	70	370 00
Prospect Street...	Carrie M. Richardson, Ungrad.	44	41	93	345 00
Abbot Square....	Alice Patten.....	43	38	88	345 00
	Flora E. Wharff.....	45	42	93	345 00
	Emma A. Blaisdell.....	40	38	95	345 00
	Mary H. Burr.....	47	40	76	370 00
Union Square.....	Sarah H. Shaw.....	48	45	94	345 00
	Annie M. Pease.....	48	40	83	370 00
	Sara A. Hammatt, Ungraded..	40	38	95	345 00
	Mary E. Cochran.....	43	39	91	345 00
	Mary E. Glass.....	47	38	81	345 00
	Kate E. Newhall.....	43	39	91	345 00
	Emma F. Lewis.....	44	38	86	345 00
	Mary S. Snow.....				

INTERMEDIATE SCHOOLS.

	Summer Term—12 Weeks.				Sal. per Week.
State Street.....	Therese M. Dillingham.....	48	42	88	\$8 50
Center Street....	Annette M. Hincks.....	40	36	90	8 50
Division Street...	Charlotte L. Holden.....	41	38	93	8 50
Salem Court.....	Mary E. Garity.....	34	31	91	8 50
Grove Street.....	Eliza B. Eddy.....	42	35	83	8 50
Pearl Street.....	Azubah F. Blaisdell.....	30	27	90	8 50
Hancock Street...	Hattie L. Gray.....	32	22	69	8 50
Third Street.....	Georgie Marston.....	24	23	96	8 50
Larkin Street.....	Mary S. Snow.....	69	58	84	8 50
West Bangor....	Helen M. Cates.....	19	16	84	8 50
Union Street.....	Mary R. Shaw.....	48	40	83	8 50
Pond Street.....	Nancy W. Silsby.....	48	42	88	8 50
Thomas' Hill.....	Emma F. Lewis.....	34	32	94	8 50
Pond Street.....	Addie M. Spencer*				6 00
Larkin Street....	Evelyn T. Hartford*				6 00
Larkin Street....	Ida M. Stewart*				5 00

*Assistant in Intermediate and Primary.

TABULAR VIEW—Continued.
INTERMEDIATE SCHOOLS—Continued.

Where Located.	Teacher.	Number Registered.	Average Attendance.	Percent. of Attendance.	Salary per week.
Fall Term—13 Weeks.					
State Street.....	Therese M. Dillingham.....	40	36	90	\$8 50
Center Street.....	Annette M. Hincks.....	27	24	89	8 50
Division Street...	Charlotte L. Holden.....	40	35	88	8 50
Salem Court.....	Mary E. Garity.....	33	30	91	8 50
Grove Street.....	Eliza B. Eddy.....	44	40	91	8 50
Pearl Street.....	Azubah F. Blaisdell.....	34	30	88	8 50
Hancock Street...	Hattie L. Gray.....	29	25	86	8 50
Third Street.....	Adelia A. Walsh.....	36	32	89	8 50
Larkin Street.....	Carrie E. Hodgdon.....	67	61	91	8 50
West Bangor.....	Helen M. Cates.....	20	15	75	8 50
Union Street.....	Mary R. Shaw.....	74	63	85	8 50
Pond Street.....	Nancy W. Silsby.....	70	67	96	8 50
Thomas' Hill.....	Kate E. Newhall.....	41	38	93	8 50
Larkin Street.....	Ida M. Stewart†.....				5 00
Union Street.....	Carrie M. Spratt†.....				6 00
Winter Term—11 Weeks.					
State Street.....	Therese M. Dillingham.....	41	38	94	8 50
Center Street.....	Annette M. Hincks.....	30	26	87	8 50
Division Street...	Charlotte L. Holden.....	36	32	89	8 50
Salem Court.....	Mary E. Garity.....	34	31	94	8 50
Grove Street.....	Carrie M. Spratt.....	47	38	81	8 50
Pearl Street.....	Azubah F. Blaisdell.....	37	34	92	8 50
Hancock Street...	Hattie L. Gray.....	33	27	82	8 50
Third Street.....	Adelia A. Walsh.....	36	31	86	8 50
Larkin Street.....	Carrie E. Hodgdon.....	67	55	82	8 50
West Bangor.....	Helen M. Cates.....	20	17	85	8 50
Union Street.....	Mary R. Shaw.....	68	54	79	8 50
Pond Street.....	Nancy W. Silsby.....	72	63	87	8 50
Thomas' Hill.....	M. Isabel Ames.....	42	38	91	8 50
Larkin Street.....	Ida M. Stewart†.....				8 50
Pond Street.....	Addie M. Spencer*.....				6 00
Union Street.....	Etta L. Davenport†.....				6 00

* Assistant in Intermediate and Primary. † Assistants in Intermediate.

TABULAR VIEW—Continued.
PRIMARY SCHOOLS.

Where Located.	Teacher.	Number Registered.	Average Attendance.	Percent. of Attendance.	Salary per week.
Summer Term—12 Weeks.					
State Street.....	Hattie T. Vose.....	53	45	85	\$8 50
Pearl Street.....	Annie M. Pease.....	66	60	91	8 50
Salem Court.....	Lizzie L. Morrill.....	76	71	93	8 50
York Street, No. 1	Alice M. Lawrence.....	76	67	88	8 50
York Street, No. 2	Angie L. Jones.....	48	36	75	8 50
Grove Street.....	Miriam S. Cates.....	84	74	88	8 50
Forest Avenue....	Alma L. Davis.....	28	21	75	8 50
Center Street....	Anna M. Lander.....	65	56	86	8 50
Division Street...	Vesta M. Nash.....	50	45	90	8 50
Abbot Square....	Lizzie M. Burr.....	69	61	88	8 50
Union Street.....	Carrie A. Dunbar.....	119	90	76	8 50
Pond Street.....	Evelyn E. Getchell.....	82	74	90	8 50
Bower Street....	Laura J. Sargent.....	63	52	83	8 50
Thomas' Hill....	Angelia Chase.....	52	45	87	8 50
West Bangor....	Mabel L. Thissell.....	35	27	77	8 50
Third Street.....	Alma F. Silsby.....	64	53	83	8 50
Main Street.....	Ella S. Stewart.....	67	62	93	8 50
Larkin Street....	Mary A. Eaton.....	68	56	82	8 50
City Farm.....	Etta M. Bussey.....	27	22	81	8 50
Grove Street.....	Clara R. Wood†.....				6 00
Pearl Street.....	Sara M. Prescott†.....				5 00
Salem Court.....	Gertrude Simpson†.....				6 00
York Street.....	Mary A. Holdent†.....				5 00
Union Street.....	Louise H. Savage†.....				6 00
Third Street.....	Nellie E. Coombst†.....				5 00
Main Street.....	Lizzie A. Hatch†.....				5 00
Larkin Street....	Frances E. Vail†.....				5 00
Fall Term—13 Weeks.					
Prospect Street...	Fannie E. Titcomb.....	55	46	84	8 50
Salem Court.....	Lizzie L. Morrill.....	71	64	90	8 50
State Street.....	Hattie T. Vose.....	32	30	94	8 50
Pond Street.....	Evelyn E. Getchell.....	64	57	89	8 50
Centre Street....	Anna M. Lander.....	68	59	87	8 50
Third Street.....	Alma F. Silsby.....	59	52	88	8 50
Grove Street.....	Miriam S. Cates.....	81	70	86	8 50
City Farm.....	Etta M. Bussey.....	25	23	92	8 50
York Street, No. 1	Alice M. Lawrence.....	78	69	88	8 50
York Street, No. 2	Angie L. Jones.....	43	36	84	8 50
Bower Street....	Laura J. Sargent.....	53	44	83	8 50
Main Street.....	Ella S. Stewart.....	45	38	84	8 50
Division Street...	Vesta M. Nash.....	51	41	80	8 50

† Assistants.

TABULAR VIEW—Continued.

PRIMARY SCHOOLS—Continued.

Where Located.	Teachers.	Number Registered.	Average Attendance.	Percent. of Attendance.	Salary per week.
Fall Term—Continued.					
Union Street.....	Carrie A. Dunbar.....	100	73	73	\$8 50
Forest Avenue.....	Mary E. Garman.....	34	23	68	8 50
Thomas' Hill.....	Angelia Chase.....	38	32	84	8 50
West Bangor.....	Mabel L. Thissell.....	42	34	81	8 50
Larkin Street.....	Mary A. Eaton.....	76	62	82	8 50
Pearl Street.....	Sara M. Prescott.....	63	57	90	8 50
Union Square.....	Elizabeth M. Pond.....	35	26	74	8 50
Larkin Street	Lizzie A. Hatch†.....				5 00
Third Street.....	Nellie E. Coombs†.....				5 00
Union Street.....	Louise H. Savage†.....				6 00
Grove Street.....	Clara R. Wood†.....				6 00
Pearl Street.....	Annie E. Hurley†.....				5 00
Salem Court.....	Gertrude Simpson†.....				6 00
York Street.....	Mary A. Holdent†.....				5 00
Winter Term—11 Weeks.					
Abbot Square.....	Fannie E. Titcomb.....	51	46	90	8 50
Salem Court.....	Lizzie L. Morrill.....	66	59	89	8 50
State Street.....	Hattie T. Vose.....	34	29	85	8 50
Pond Street.....	Alma F. Silsby	67	49	73	8 50
Center Street.....	Anna M. Lander.....	61	53	87	8 50
Third Street.....	Nellie E. Coombs.....	50	44	88	8 50
Grove Street.....	Miriam S. Cates.....	76	68	89	8 50
City Farm.....	Etta M. Bussey.....	23	21	91	8 50
York Street, No. 1	Alice M. Lawrence.....	75	67	89	8 50
York Street, No. 2	Angie L. Jones.....	38	33	87	8 50
Bower Street.....	Laura J. Sargent.....	55	47	85	8 50
Main Street.....	Louise H. Savage.....	41	33	80	8 50
Division Street...	Vesta M. Nash.....	49	43	88	8 50
Union Street.....	Carrie A. Dunbar.....	84	64	76	8 50
Forest Avenue....	Mary E. Garman.....	31	23	74	8 50
Thomas' Hill.....	Angelia Chase.....	37	30	81	8 50
West Bangor.....	Mabel L. Thissell.....	35	30	85	8 50
Larkin Street.....	Mary A. Eaton.....	69	58	84	8 50
Pearl Street.....	Sara M. Prescott.....	66	59	89	8 50
Union Square.....	Elizabeth M. Pond.....	37	28	76	8 50
Larkin Street.....	Lizzie A. Hatch†.....				5 00
Third Street.....	Mary Stewart†.....				5 00
Union Street.....	Phebe E. Danforth†.....				6 00
Grove Street.....	Clara R. Wood†.....				6 00
Pearl Street.....	Annie E. Hurley†.....				6 00
Salem Court.....	Gertrude Simpson†.....				6 00
York Street.....	Mary A. Holdent†.....				6 00

†Assistants.

TABULAR VIEW—Continued.

SUBURBAN SCHOOLS.

Where Located.	Teacher.	Number Registered.	Average Attendance.	Percent. of Attendance.	Salary per week.
Summer Term—10 Weeks.					
Stillwater Avenue	Lizzie Gibson.....	36	25	69	\$6 00
Hill Side.....	Etta L. Davenport.....	25	20	80	6 00
Avenue District...	Addie P. Cobb.....	17	11	65	6 00
Central District...	Annie L. Mitchell.....	40	35	88	7 00
Fuller District....	Minnie A. Ferguson.....	18	15	83	6 00
Sherburne District	Grace M. Richardson.....	35	30	86	6 00
Bagley District...	Carrie M. Richardson.....	22	18	82	6 00
Finson District...	Kate E. Newhall.....	19	14	74	6 00
Tyler District....	Emma L. Ames.....	20	16	80	6 00
Mt. Hope District.	Adelia A. Walsh.....	43	34	79	6 00
Odlin District....	Mary J. Conroy.....	17	14	82	6 00
Six Mile Falls....	M. Isabel Ames.....	16	14	88	6 00
North Bangor....	Joanna S. Eveleth.....	26	22	85	6 00
Fall Term—10 Weeks.					
Central District...	Annie L. Mitchell.....	37	35	95	8 00
Sherburne District	Nettie F. Cates.....	32	26	81	6 00
Hill Side.....	Etta L. Davenport.....	21	18	86	6 00
Six Mile Falls....	M. Isabel Ames.....	16	13	81	6 00
Stillwater Avenue	Lizzie Gibson.....	12	8	67	6 00
Mt. Hope District.	Addie P. Cobb.....	40	29	73	6 00
North Bangor....	Alma L. Davis.....	28	22	79	6 00
Bagley District...	Carrie M. Richardson.....	22	16	73	6 00
Finson District...	Emma L. Ames.....	14	12	86	6 00
Avenue District...	Joanna S. Eveleth.....	12	10	83	6 00
Fuller District....	Minnie A. Ferguson.....	15	13	87	6 00
Tyler District....	Georgie Marston.....	18	15	83	6 00
Odlin District....	Alice Bucknam.....	16	11	69	6 00
Winter Term—10 Weeks.					
Central District...	Heman W. Griffin.....	43	36	84	9 00
Sherburne District	Nettie F. Cates.....	33	21	63	7 00
Hill Side.....	Mary C. Robinson.....	19	14	74	6 00
Six Mile Falls....	Carrie B. Ames.....	12	11	92	6 00
Stillwater Avenue.	Hattie L. Mosher.....	27	23	85	6 00
Mt. Hope District.	Maggie E. Walsh.....	34	27	76	6 00
North Bangor....	Alma L. Davis.....	34	29	85	7 00
Bagley District...	Frances J. Gould.....	19	16	84	6 00
Finson District...	Emma L. Ames.....	14	11	79	6 00
Avenue District...	Joanna S. Eveleth.....	22	20	91	6 00
Fuller District....	Jennie A. Brown.....	11	10	91	6 00
Tyler District....	Hattie E. Glass.....	16	14	88	6 00
Odlin District....	Alice Bucknam.....	19	13	68	6 00

COURSE OF STUDY

OF THE

PUBLIC SCHOOLS OF THE CITY OF BANGOR.

PRIMARY SCHOOLS.

Reading and Spelling.—Appleton's First and Second Readers, and Swinton's Supplemental. Hooker's Child's Book of Common Things. Swinton's Primary Spelling Book.

Printing and Drawing.—The pupils should be taught to draw straight and curved lines, and to combine them in the letters of the alphabet and simple geometric forms. Copies should be placed upon the blackboard by the teachers. The first class is required to practice scrip writing.

Arithmetic.—White's Primary Arithmetic. Frequent use of objects is recommended as an assistance in conveying an idea of the relation of numbers.

Vocal Music.—National Music Charts.

Object Lessons.—An exercise each day. Sheldon's Lessons on Objects, and Sheldon's Elementary Instruction are recommended as guides to teachers.

In Second Class.—Finish Second Reader. Commence Hooker in the Second term, and read thirteen chapters. Complete six months' work in the Speller. Through Subtraction in the Arithmetic.

First Class.—Finish first year's work in Spelling within the year.

FIRST TERM.

Hooker to 25th Chapter, inclusive. Arithmetic, Multiplication. Products not to exceed seven figures.

SECOND TERM.

Hooker to 34th Chapter, inclusive. Arithmetic, Division.

THIRD TERM.

Complete Hooker and review Arithmetic.

INTERMEDIATE SCHOOLS.

Reading and Spelling.—Appleton's Third Reader and Book of Tales. Swinton's Primary Spelling Book.

Writing.—Revised Duntonian.

Drawing.—Exercises in simple geometric forms, from copies placed upon the blackboard by the teacher.

Vocal Music.—National Music Charts. The use of Music Reader is permitted.

Object Lessons.—An exercise four times a week. Sheldon's Lessons on Objects, and Sheldon's Elementary Instruction are recommended as guides to teachers.

Arithmetic.—White's Intermediate, and Thompson's Intellectual optional.

Geography.—Swinton's Primary.

In Second Class.—Third Reader unlimited. Six month's work of second year in the Speller.

Arithmetic.—First Term.—Notation and Numeration, with review of Addition and Subtraction.

Second Term.—Multiplication and review.

Third Term.—Long Division to two figures in division and review.

Geography.—First Term.—Fifteen pages.

Second Term.—Sixteenth page, to thirty-third, inclusive.

Third Term.—Thirty-fourth to forty-first, inclusive.

In First Class.—Finish Reader and Speller, and finish Long Division and review, with use of Thompson's Intellectual Arithmetic optional.

Geography. First Term.—Finish United States and Territories.

Second Term.—South America, Europe and Asia.

Third Term.—Finish book and review.

GRAMMAR SCHOOLS—Course of four years.

FIRST YEAR.

Spelling.—Swinton's Word Book.

Writing.—Duntonian System.

English Language.—Swinton's New Language Lessons.

Geography.—Warren's Brief Course.

Vocal Music.

Arithmetic.—White's Complete, and Thompson's Intellectual optional.

Oral Instruction.—Lectures by masters on studies pursued.

Reading.—Appleton's Fourth Reader.

Natural Science.—Hooker's Child's Book of Nature, Part 1.

SECOND YEAR.

Reading.—Appleton's Fourth Reader.

Spelling.—Swinton's Word Book.

Writing.—Duntonian System.

English Language.—Swinton's New Language Lessons.

Oral Instruction.—Lectures by masters on studies pursued.

Geography.—Warren's Brief Course.

Vocal Music.

Arithmetic.—White's Complete, and Thompson's Intellectual optional.
Natural Science.—Hooker's Child's Book of Nature, Part II.

THIRD YEAR.

Reading.—Appleton's Fifth Reader.

Spelling.—Swinton's Word Book, and Word Analysis, fifty-one pages.

Grammar.—Swinton's New English Grammar.

Composition.

Arithmetic.—White's Complete, and Thompson's Intellectual optional.

United States History.

Geography.—Warren's—continued.

Writing and Declamation.

Oral Instruction.—Lectures by masters on studies pursued, including General History and Mechanics.

Natural Science.—Hooker's Child's Book of Nature, Part III.

FOURTH YEAR.

Reading.—Appleton's Fifth Reader.

Grammar and Composition—continued.

Physiology and Hygiene.—Steele's.

Book-keeping and Writing.

Arithmetic.—White's Complete, and Thompson's Intellectual optional.

Spelling and Word Analysis—continued.

History.—Reviewed with composition on kindred subjects.

Oral Instruction.—Lectures by masters on studies of the year, including Science of Government, Commerce and Manufacture.

Declamation and Vocal Music.

Geography.—Reviewed.

Course of Study--Bangor High School.

		Classical and English.	English Department.
FIRST YEAR.	First Term Fall.	Algebra. Natural Philosophy. Maine Scholar's Manual. English Composition—Read'g. Latin (Grammar and Reader.)	Algebra. Natural Philosophy. Maine Scholar's Manual. English Composition—Read'g. Physical Geography.
	Second Term Winter.	Algebra. Natural Philosophy. Maine Scholar's Manual. English Composition—Read'g. Latin (Grammar and Reader.)	Algebra. Natural Philosophy. Maine Scholar's Manual. English Composition—Read'g. Physical Geography.
	Third Term Summer.	Algebra. Natural Philosophy. Richardson's Tem'ce Lessons. English Composition. Latin (Grammar and Reader.)	Algebra. Natural Philosophy. Richardson's Tem'ce Lessons. English Composition. Physical Geography.
SECOND YEAR.	First Term Fall.	Geometry. Latin (Cæsar.) General History. English Composition. Greek.*	Geometry. Natural History. General History. English Composition.
	Second Term Winter.	Geometry. Latin (Cæsar.) General History. English Composition. Greek.*	Geometry. Natural History. General History. English Composition.
	Third Term Summer.	Botany. Latin (Cæsar.) General History. English Composition. Greek.*	Botany. Natural History. General History. English Composition.
THIRD YEAR.	First Term Fall.	Geology. French. Latin (Virgil.) Rhetoric. Arithmetic. Greek.	Geology. French. American Literature. Rhetoric. Arithmetic.
	Second Term Winter.	Science of Government. French. Latin (Virgil.) Rhetoric. Arithmetic. Greek.	Science of Government. French. American Literature. Rhetoric. Arithmetic.
	Third Term Summer.	Science of Government. French. Latin (Virgil.) Rhetoric. Arithmetic. Greek.	Science of Government. French. American Literature. Rhetoric. Arithmetic.
FOURTH YEAR.	First Term Fall.	English Literature. Rhetoric. French. Latin (Cicero) Arithmetic. Greek.	English Literature. Rhetoric. French. Astronomy. Arithmetic.
	Second Term Winter.	English Literature. Rhetoric. French. Latin (Horace) Arithmetic. Greek.	English Literature. Rhetoric. French. Astronomy. Arithmetic.
	Third Term Summer.	English Literature. Rhetoric. French. Latin (Horace) Arithmetic. Greek.	English Literature. Rhetoric. French. Mental Philosophy. Arithmetic.

*NOTE—CLASSICAL COURSE. Pupils preparing for College take all the branches of the Classical and English Course during the first year. At the beginning of the second year they commence Greek, and after this, besides Latin, Greek and Mathematics requisite for admission to College, they are required to take only History and Ancient Geography.

Only those pupils who take all the prescribed studies of either course are entitled to receive a Diploma.

GENERAL EXERCISES BY ALL THE SCHOOL.

1. Exercises in Reading and Elocution once a week throughout each course.
2. Exercises in Composition every two weeks.

TEXT-BOOKS AUTHORIZED.

Latin.—Allen & Greenough's Latin Grammar. Leighton's Latin Lessons. Jones' Latin Prose Composition. Chase & Stuart's Cæsar, Virgil, Cicero and Horace. Allen & Greenough's Ovid.

Greek. Goodwin's and Crosby's Anabasis. White's Greek Lessons. Sedgwick & Keen's Homer's Iliad. Jones' Greek Prose Composition.

Science.—Steele's Physics. Wood's Object Lessons in Botany. Hooker's Natural History. Steele's Geology. Steele's Astronomy. Hopkin's Mental Philosophy. Guyot's Physical Geography. Richardson's Lectures on Alcohol. Maine Scholar's Manual.

Mathematics.—Bradbury's Elementary Algebra. Wentworth's Geometry. Robinson's Arithmetic.

English Language.—Collier's English Literature. Hart's Rhetoric. Parker's Exercises in Composition. Underwood's American Literature. Hudson's Literary Reader. Young's Government Class Book.

History and Geography.—Swinton's General History. Mitchell's Ancient Geography and Atlas. Baird's Ancient Geography and Mythology.

French.—Otto's French Grammar. Williamus' English into French. Les Princes de l'Art. La Petite Fadette. Picciola. Un Philosophe sous les Toits. Notes sur l'Angleterre.

EXTRACTS
FROM THE
REGULATIONS OF THE PUBLIC SCHOOLS
OF THE
CITY OF BANGOR.

DUTIES OF THE TEACHERS.

School Hours.—The teachers are required to observe the school hours punctually, and to discharge to the best of their ability the daily duties of instruction and discipline.

Moral Influence.—They should exercise a diligent guardianship over the deportment and character of those entrusted to their care, and endeavor to inculcate principles of kindness, truthfulness, purity, industry, frugality and temperance.

Responsibility outside of the School-room.—They shall have in charge the conduct of their scholars during recess, and while within the school grounds.

Ventilation.—They shall see that the school-rooms are properly ventilated, the windows being thrown open during recess and the time allotted to physical exercises, and that the temperature is maintained at a proper standard.

Care of Buildings and Grounds.—They shall exercise a general supervision over the rooms, entries, grounds, and out-buildings of their several schools, reporting to the Agent any damage or defacement which they may sustain.

Discipline.—IN THE DISCIPLINE OF THEIR SCHOOLS, THEY SHOULD ENDEAVOR TO AVOID ALL IRRITATING LANGUAGE, AND ALL HARSH AND IMPROPER PUNISHMENTS.

Record of Cases of Punishment.—They shall keep a record of all the cases of corporal punishment occurring in their several schools, stating in full the date of the occurrence of

each case, together with the name of the pupil, the offense, and the nature of the punishment inflicted ; and they shall make a return of the record to the Committee with each school-register ; and the Agent shall furnish the necessary blanks for the records required.

Suspension of Pupils.—In case of the suspension or dismissal of any scholar for breach of discipline, or the withdrawal of any scholar from school while under censure for misconduct, the teacher shall give immediate notice to the parent or guardian of the scholar, and to the Agent.

Time of Opening the Rooms.—All the school-rooms should be open and the teachers present, fifteen minutes before the time prescribed for the commencement of each session.

Deficiency of Books.—Whenever a scholar is not furnished with suitable books, proper notice should be given by the teacher, first to the parent or guardian of such scholar, and afterward to the Agent.

Register.—All the teachers are required to keep a school-register, containing the names of all scholars and such other facts as may be required. The register shall be open at all times to the inspection of the Committee, and a return of the same shall be made to the Committee when required.

Vacancy.—When a vacancy occurs in any school by reason of sickness or absence of any teacher, the teacher shall at once notify the Committee of the school or school Agent, and said Committee or Agent shall fill the vacancy.

Notice of Intended Resignation.—Should any teacher wish to resign, one month's notice of the intended resignation should be given to the Agent.

REGULATIONS OF THE SCHOOLS.

Classification.—The annual schools shall be classified as Primary, Intermediate, Ungraded, Grammar and High schools.

Suburban Schools.—Unclassified Suburban schools shall be maintained during summer and winter.

Special Schools.—The Committee may, at any time, establish other schools, aside from the above grades, if the interest of education seems to demand it.

General Exercises.—In all schools the exercises shall commence every morning with reading from the Scriptures by the teacher or the pupils, or both, which may be followed by prayer or singing, at the discretion of the teacher.

Incidental instruction in regard to manners and morals should be afforded in all the schools.

Exercises in vocal music and physical exercises should be introduced every session into the schools.

Omission of Studies.—No pupil of any school shall be excused from any study or exercise of the regular course until special permission has been granted by the Committee of the school.

Number of Classes.—In each grade above the Primary there shall be as many classes as there are years allotted to the grade in the prescribed course, and no irregular classes shall be formed ; and all scholars, who, from inconstant attendance, want of application to their studies, or other cause, shall fail to maintain a fair standing in their class or grade, shall be placed in the class or grade next below.

Tardiness and Absence.—For tardiness or absence, the teacher shall require a written excuse from the parent or guardian, and in default of it, may inflict such penalty as may be approved by the Committee of the school.

Absence Three Half-Days.—If a scholar is absent *three half days* in any one month, the teacher may require the excuse to be signed by the Committee of the school.

Absence Five Half-Days.—A scholar who is absent from school *five successive half-days*, without a good excuse, or fails to appear at the examination without a good excuse, or withdraws from the school while under censure, shall be considered as no longer a member of the school, and cannot be admitted to his class until he has obtained a written permission

from the Committee of the school or from the Agent, and made up the lost lessons to the satisfaction of the teacher.

This rule does not apply to the Primary and Intermediate schools.

Admission after Suspension.—A scholar temporarily dismissed by the teacher for insubordination, may be forbidden to return to the school without the written consent of the Agent or the Committee of the school.

For any act of marked disobedience or contempt, the teacher may require such consent to be signed by a majority of the Committee.

Advertising.—No subscription of money, or advertising of books, public lectures or shows, shall be allowed in any school, unless permission is granted by the Committee.

Examination.—The annual examinations of all the schools shall take place as near the close of the school year as may be convenient; and the examinations may be conducted by means of written questions and answers, in any grade in which a majority of the Committee deem such a method expedient.

Diplomas.—Diplomas shall be awarded by the Committee at the annual examination, to such members of the graduating class of the High School as have honorably completed the prescribed course of study, and passed a satisfactory examination.

Rule for Promotion.—An average of scholarship of sixty in a scale of one hundred, in all the studies pursued, is required to entitle a scholar to promotion to an upper class. Names of scholars not attaining such rank will be sent to the Committee for their consideration, and whatever action they may deem advisable in each case.

No scholar can be transferred from one school to another while under censure.

Admission to the High and Grammar Schools.—All scholars in the first classes of the Intermediate and Grammar Schools,

who have obtained an average rank of eighty in all the studies pursued, shall be admitted to the Grammar and High Schools without further examination; those who have not obtained a rank of forty shall not be entitled to an examination; those who have obtained a rank between forty and eighty will be examined by the Committee.

Admission at Irregular Times.—Applicants for admission to the annual schools after the commencement of the year, shall be examined and admitted to such schools as they may be found qualified to enter.

Suitable Age—Vaccination.—No child who is under the age of five years, or who has not been vaccinated, is entitled to attend any public school.

Sessions.—There will be one session of the High School each day of the term, continuing from half past eight A. M., till one o'clock P. M.

There shall be two sessions of all the schools below the High School each day of the term, continuing from nine till twelve A. M., and from two till five P. M., from February to October inclusive; and from nine till twelve A. M., and from two till half-past four P. M., from November to January inclusive.

Recesses.—One recess, not exceeding twenty minutes in length, shall be given each session.

In the High School such additional short recesses shall be given as the Committee may deem expedient.

In the Primary Schools, instead of one recess, there may be two recesses of ten minutes each.

Terms.—For all the annual schools there shall be three terms each year, as follows, unless otherwise ordered: Fall, Winter and Summer.

Holidays.—The sessions of the schools shall be suspended Wednesday and Saturday afternoons; also during two weeks, including Christmas Day and New Year's Day; also on Washington's Birthday, Fast Day, and Memorial Day.

With the above exceptions, the regular sessions of each school shall be held every week-day of the term, unless suspended by special permission of the Committee.

No other text books than those authorized by the Committee, can be introduced into the schools.

All matters of complaint against teachers, or grievances on account of the conduct and discipline of the schools, should be referred to the Agent or Committee of the school, if below the Grammar School, or to the Principal, Agent, or Committee if above, and no parent or guardian will be permitted to interrupt a school in its sessions or bring any teacher to a personal account during school hours.

R E P O R T

OF THE

CHIEF ENGINEER OF THE FIRE DEPARTMENT.

CHIEF ENGINEER'S OFFICE, }
BANGOR, March, 1881. }

To the Honorable Mayor and City Government :

GENTLEMEN:—As required by the City Ordinance, I have the honor to make my annual report for the year ending March, 1882, containing the condition and cost of the same, with a list of all fires, alarms, losses, and insurance, with the causes as near as could be ascertained.

The force consists of a Board of Engineers, composed of a Chief and three assistants, and ninety-four men.

The Elijah Low Hose Co. No. 8, was disbanded in July last, and a new Company formed in February of good, reliable men, which, I think, will prove themselves an honor to the department. Hose Company No. 9, which was a volunteer Company, is now under half pay.

There were twenty-six (26) calls upon the department the past year.

Number of fires with loss.....	11
Number of fires without loss.....	15
Total loss by fire.....	\$11,300 00
Insurance on the same.....	7,500 00
Uninsured	3,800 00

Appropriation (including water).....	\$15,000 00
Sale of old hose and manure.....	37 50
Use of horses on the streets.....	150 00
Balance unexpended.....	369 90
<hr/>	
Total balance unexpended.....	\$557 40

We have purchased during the year 500 feet of cotton hose. I would most respectfully recommend the purchase of 500 more the coming year.

APPARATUS

Consists of three (3) steamers, and one Chemical engine (in reserve and for sale); one horse Ladder Truck with 340 feet of ladders; one two-horse hose carriage with 1,000 feet of hose; four hand hose carriages with 500 feet each; two four wheel hand hose carriages in reserve. There are 5,500 feet of fabric hose that is serviceable. Also about 1,600 feet of old leather hose, making a total of 7,100 feet in all.

BUILDINGS.

They are all in fair condition, only some slight repairs, such as painting, etc., will be required.

RESERVOIRS.

In case of accident to our Water Works, we have three (3) good steamers in good condition; and 30 reservoirs, 15 on each side of the stream, in good condition and full of water.

RECOMMENDATION.

It has often been recommended that our city should have a Fire Alarm Telegraph. I am still of the opinion our city should have one as soon as possible.

CONCLUSION.

In conclusion, I desire to say, that in common with the citizens of our city, we have reason to be thankful that we have been so free from fires during the past year; never, I think, has our city been so exempt.

I wish to express my sincere thanks to his Honor the Mayor and City Government, the committee on Fire Department, for the interest manifested, and support given during the year, also the City Marshal and Police Department for support in time of need ; to the officers and members of the Department for their promptness in responding to alarms ; to my associate Engineers for counsel and interest in all matters relating to the discipline and government of the Department.

Respectfully submitted,

O. D. MADDOCKS,
Chief of Department.

SCHEDULE OF FIRES AND ALARMS, 1881-82.

1881. March 18. Alarm—Cause, burning brush.
March 21. Fire—St. Patrick Court, house owned by Michael Dunn. Cause incendiary. Loss \$50.00.
March 26. Fire—at High Head, store house owned by J. P. Bass. Cause, sparks from locomotive. Loss \$50.00.
March 26. Alarm—on Sanford street. Cause, burning chimney.
April 3. Fire—on Pearl street, house owned by Mrs. Lander. Cause, defect in stove pipe. Loss slight.
April 3. Fire—on Union street, house owned by S. Basford. Cause, defect in chimney. Loss slight.
April 12. Alarm—on Cumberland street at Dennis Higgins' house. Cause, breaking kerosene lamp. No damage.
May 14. Fire—on cottage stable owned by J. B. Foster. Cause, incendiary. Loss slight.
May 19. Fire—at Water Works, old shop; incendiary. No loss.
June 4. Fire—in Oldtown, W. T. Pearson & Co.'s mills. Sent steamer and men to their assistance.
June 7. Fire—on Third street, house owned by Mrs. John Moore. Loss \$700.00; insured. Cause defect in chimney.
June 11. Fire—on Newbury street, house owned by J. W. Snow. Cause, ashes in stable. Loss \$800.00. Insured.
June 27. Alarm—Water street. Cause, straw in a shed. No loss.
June 30. Alarm—Norombega stairway. Cause, lamp exploded. No damage.
July 20. Alarm—on Hancock street. Cause, spark from a locomotive in a pile of boards. No loss.
August 29. Fire—on Fruit street, house owned by C. Lintopp, shed and part of ell burnt. Loss \$1,500, insured \$2,000. Cause, incendiary.
September 1. Fire—on Fruit street, house owned by Mrs. Dinnan. Loss \$400.00; insured \$500.00. Cause, incendiary.
September 7. Alarm—on Hampden Road, pile of shavings.
September 20. Fire—school house on Hampden Road. Cause, incendiary; damage slight.
October 1. Alarm—no cause.

October 7. Fire—on Hampden Road, house owned and occupied by John Week and others. Loss \$600.00; insured. Cause unknown.

October 8. Alarm—cause, burning chimney.

1882. January 24. Fire—in a shop back of Peavey's machine shop, Exchange street, owned by Peavey and Collett. Peavey's loss \$400.00; insured. Collett's loss \$200.00; no insurance. Cause, defect in stove.

February 2. Fire—No. 54 Main street, in the 5 Cent Store. Loss \$300.00; insured. Cause unknown.

February 18. Fire—High School house. Loss \$4,500; insured \$2,000. Cause defective chimney.

February 22. Fire—on Valley Avenue, Merrill's Mill, occupied by G. W. Moore. Moore's loss \$700.00; no insurance. Merrill's loss \$900.00; insured. Cause unknown.

FIRE DEPARTMENT OF BANGOR.

OTIS D. MADDOCKS, Chief Engineer.

JOHN MASON,
JAMES F. MALONEY, } Assistant Engineers.
SAMUEL A. FELLOWS, }

HOLLY WATER WORKS,

Consisting of 23½ miles street mains, 156 post hydrants.

COMPANIES COMPOSING THE DEPARTMENT.

Union Hose, No. 1.....	25 men.
Holly Hose, No. 7.....	15 men.
Elijah Low Hose, No. 8.....	15 men.
Eureka (Volunteer) Hose, Cottageville.....	15 men.
Champion Hook and Ladder, No. 2.....	16 men.
—	
Total.....	86 men.

AT STEAMERS' HOUSE—HARLOW STREET.

Joseph Merritt.....	Engineer of Steamers.
F. Quimby.....	Fireman.
Ambrose Merrill.....	Steward and Driver.
B. F. Jordan.....	Driver of Hose Truck.

This house is connected with the Water Works by Telegraph. Also over the city by telephone.

PROPERTY IN STEAMERS' HOUSE—HARLOW STREET.

Steamer Union No. 1,	1 desk,
Steamer Victory No. 2,	2 sinks,
Steamer Liberty No. 4,	1 hemp carpet,
Babcock chemical engine, Grey-	5 engineer's caps, belts and trump-
hound No. 5,	ets,
4 horses,	5 hose arbors,
3 sets double harnesses,	3 chisels,
1 two-horse sled with hose sled,	2 oil cans,
4 buckets,	1 crow bar,
4 axes,	1 cross bar,
1 machine lathe and chuck,	1 anvil,
2 sets whiffletrees,	1 spare suction,
1 heave line,	5 hammers,
5 pair blacksmith tongs,	2 claws,
1 forge,	1 force pump and hose,
1 rivet set,	2 screw plates,
1 set hammer,	2 nippers,
3 saws,	2 hose punches,
3 wrenches,	3 coal hods,
1 12-inch splitting machine,	1 duster and brush,
1 pair tin shears,	1 coal shovel,
3 oil cans,	3 rubber coats,
1 thirty gallon can,	15 round drills,
1 heating apparatus, (steamers)	1 drill chuck,
1 swedge block,	1 30-inch double Backus water mo-
1 spare pole for steamer,	tor,
1 mandrel cone,	1 line shafting, 13 feet long,
1 stock,	1 flue set,
6 bits,	3 hangers in running order,
1 inch expansion bit,	1 marline spike,
2 planes,	1 hydrant,
1 draw-shave,	2 wrenches,
3 heading tools,	9 square drills,
1 drill,	1 telegraph box, 12 inches long,
2 screw drivers,	20 cups,
3 stoves,	20 cast steel turning tools for lathe,
2 tables,	3 hose coupling tops,
2 glasses,	2 pipe tops,
13 chairs,	1 compass saw,
2 bedsteads, and clothes,	1 filing clamps,
1 bed lounge,	1 power grindstone,
2 woolen carpets,	1 steam gauge on motor.

PROPERTY IN UNION HOSE COMPANY'S HOUSE.

35 rubber coats, 37 hose hats,	1 hand lantern,
26 belts, 26 set spanners,	1 set blocks and falls,
1 four-wheel hose carriage,	2 carriage jacks,
1 two-wheel hose carriage,	2 shovels,
3 stoves,	1 pump, 2 pails,
3 oil drips, 6 oil cans,	1 hammer, 1 screw driver,
2 axes,	2 sponges,
2 hose reels,	2 carriage wrenches,
1 flag and halyards,	1 sprinkler, 2 brooms,
4 hose brushes,	2 dust pans,
1 tub,	2 dusters,
1 oil can,	15 chairs,
1 door gate,	1 monkey wrench.

PROPERTY IN ELIJAH LOW HOSE CO.'S, NO. 8—STATE STREET.

1 four-wheel hose carriage,	3 stoves,
1 two-wheel hose carriage,	1 coal hod,
3 hose pipes,	1 shovel,
1 wrench,	1 broom,
1 jack,	2 oil cans,
15 rubber coats,	15 chairs,
15 fire hats,	1 table,
15 belts,	1 lantern,
15 pairs spanners,	

PROPERTY IN HOLLY HOSE COMPANY'S HOUSE—HAMMOND STREET.

1 carriage,	1 jack,
500 feet hose,	2 lanterns,
15 hats,	1 oil can,
15 coats,	1 screw driver,
15 belts,	1 wrench,
15 spanners,	2 new ladder straps,
25 feet small hose,	1 old ladder strap,
14 chairs,	1 pail,
1 table,	1 wash dish,
1 stove,	1 sprinkler,
1 settee,	1 hose reel,
1 large shovel,	1 broom,
1 small shovel,	1 duster,
2 large pipes,	1 hydrant wrench.
1 small pipe,	

PROPERTY IN CHAMPION HOOK AND LADDER'S HOUSE—STATE STREET.

3 extension ladders,	1 harness,
2 28 feet ladders,	1 ladder truck,
1 26 feet ladder,	1 set sleds,
1 24 feet ladder,	1 blanket,
1 20 feet ladder,	1 halter,
2 16 feet ladders,	1 flag and halyards,
1 17 feet ladder,	1 sprinkler,
2 12 feet ladders,	2 stoves,
1 26 feet ladder, (old)	1 rake,
1 12 feet ladder, (old)	1 fork,
2 large hooks,	2 brooms,
11 small hooks,	2 oil cans,
6 axes,	1 duster,
1 crowbar,	1 sink,
2 wrenches,	1 oil lamp,
5 lanterns,	2 pails,
20 fire hats,	2 torches,
16 rubber coats,	1 carriage jack.
1 horse,	

PROPERTY IN EUREKA HOSE COMPANY'S HOUSE, NO. 9—COTTAGEVILLE.

1 two-wheel hose carriage,	11 spanners,
500 feet cotton hose,	1 hydrant wrench,
550 feet leather hose,	2 stoves,
15 rubber coats,	3 ladder straps,
15 hats,	2 hose pipes,
9 belts,	1 axe.

REPORT

OF THE

CITY UNDERTAKER.

TO THE CITY COUNCIL:

The undersigned would respectfully submit the following report for the year ending March 1st, 1882:

PROTESTANT.		CATHOLIC.	
Died in March, 1881.....	21	Died in March, 1881.....	15
April,	20	April,	15
May,	19	May,	9
June,	20	June,	16
July,	17	July,	13
August,	23	Aug.,	18
Sept.,	25	Sept.,	11
Oct.,	14	Oct.,	13
Nov.,	19	Nov.,	13
Dec.,	21	Dec.,	13
Jan., 1882.....	15	Jan., 1882.....	15
Feb.,	15	Feb.,	11
	229		163

AGES.

PROTESTANT.		CATHOLIC.	
Under 1 year	15	Under 1 year	29
From 1 to 5 years.....	10	From 1 to 5 years.....	14
5 to 10	13	5 to 10	16
10 to 20	25	10 to 20	12
20 to 30	20	20 to 30	20
30 to 40	22	30 to 40	12
40 to 50	20	40 to 50	13
50 to 60	32	50 to 60	10
60 to 70	30	60 to 70	19
70 to 80	17	70 to 80	9
80 to 90	6	80 to 90	6
Over 90 years,	0	Over 90 years,	3
	229		163

CAUSES OF DEATHS.

PROTESTANT.		CATHOLIC.	
Consumption.....	49	Consumption.....	35
Fever.....	8	Fever.....	11
Old Age.....	24	Old Age.....	20
Heart Disease.....	12	Heart Disease.....	4
Congestion.....	1	Tumor.....	3
Dropsy.....	7	Cancer.....	2
Pneumonia.....	21	Diphtheria.....	12
Paralysis.....	5	Croup.....	10
Tumor.....	2	Pneumonia.....	14
Still Born.....	2	Dropsy.....	5
Apoplexy.....	1	All other causes.....	46
Cancer.....	16		
Diphtheria.....	14		163
All other causes.....	67		
	229		

Remains brought to the city for interment.....	44
Remains carried from the city for interment.....	42
Interments at Mt. Hope Cemetery.....	163
Mt. Pleasant Cemetery.....	163
Pine Grove Cemetery.....	8
Oak Grove Cemetery.....	11
Maple Grove Cemetery.....	5
Catholics brought to the city for interment.....	47

Respectfully submitted,

T. J. COLE,

City Undertaker.

BANGOR, March, 1882.

REPORT

OF THE

HARBOR MASTER.

TO THE CITY COUNCIL:

Gentlemen—The port opened to navigation March 20th, and closed January 2d, thus remaining open 288 days, during which time 2,057 vessels of all classes arrived. Of this number 21 were steamers, 2 ships, 6 barks and barkentines, 22 brigs, and the remainder schooners. Total tonnage of vessels for the year 389,764. Number of foreign arrivals, 18; number of foreign clearances, 34.

The following table shows the principal imports:

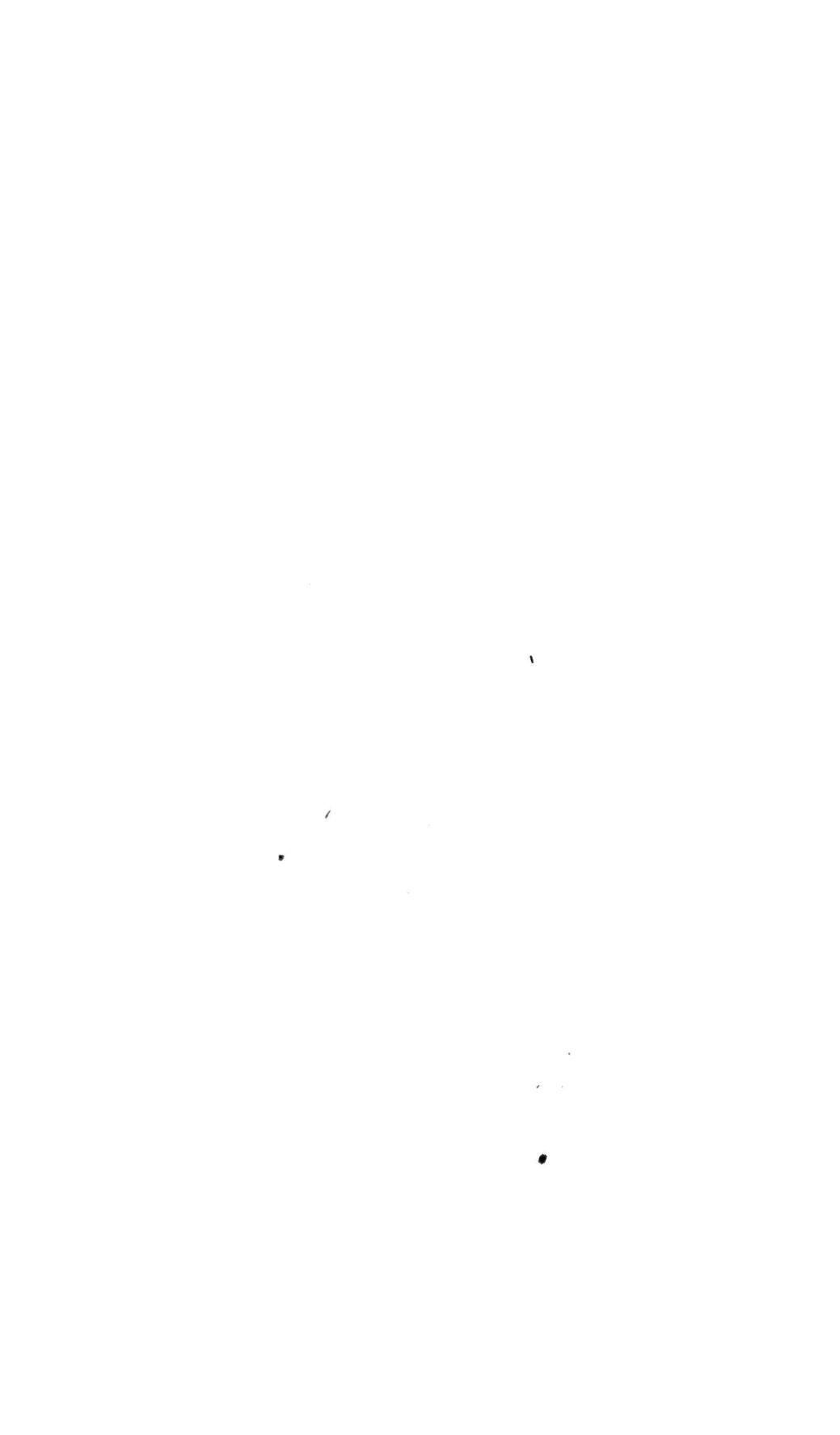
Salt, bush.....	31,124	Oats, bush.....	24,392
Molasses, hhds.....	626	Plaster Rock, tons.....	1,228
Flour, bbls.....	584	Lime Rock, tons.....	679
Corn, bush.....	460,185	Granite, tons.....	400
Coal, tons.....	29,948	Pig Iron, tons.....	990
Lime, casks.....	6,375	Cement, casks.....	3,249
Nails, kegs.....	6,305	Kerosene Oil, bbls.....	3,526
Potter's Clay, tons.....	225	Granite Pavement Blocks...	32,749

Respectfully submitted,

JOHN J. FLYNN,
Harbor Master.



REPORT OF THE BANGOR WATER BOARD.



REPORT

OF THE

WATER BOARD.

TO THE CITY COUNCIL:

The Bangor Water Board hereby respectfully submit their fifth annual report, accompanied by the reports of W. W. Fellows, Engineer at the Water Works, Frank E. Sparks, Inspector, and George W. Snow, Collector, each of which presents a detailed statement of the operations in the department during the year, and of its present condition.

No accident has happened to either dam, machinery or pipes during the year, and water has been the sole motive power.

The number of gallons of water pumped is 345,061,800, averaging 945,235 per day, 3,000,000 per day being the fair average capacity of the pumps.

One hundred and twenty-four service pipes have been added, and five have been abandoned, a net increase of one hundred and nineteen. Two thousand four hundred and fifty-seven feet of mains have been laid during the past year.

The Works and dam continue in good repair, and nothing indicates a probable need for an expenditure of any considerable amount the ensuing year.

The matter of flowage of the river road in the town of Eddington was, by mutual agreement between the town through its municipal officers and the City Council, referred in writing to the County Commissioners, who, after investigation, deemed the only feasible method to be to lay out a

new road, commencing in front of the meeting house at Ed-dington Bend and running in nearly a straight line north-easterly to meet the short three-rod road in the rear of the Merrill place, the city to pay land damages and build the road; thereupon, upon petition of the Mayor and the City Solicitor, the road was laid out and subsequently built to the satisfaction of the County Commissioners, at an expense, including land damages, of \$1,312.48.

There are no claims for damage on account of flowage now pending, and but one claim for land taken, viz: Benjamin A. Burr, for the easement in one and one twenty-one one-hundredth acres on the east end of the dam, being a part of the original quantity taken under and by virtue of the Act authorizing the building of the dam and Water Works.

Upon petition of Mr. Burr, the County Commissioners made a personal examination of the premises, and subsequently gave the parties a hearing and awarded the petitioner one hundred and twenty-five dollars, from which award he appealed to a Sheriff's Jury. A jury will be drawn soon after the April Term of the Court closes, and the amount of damages settled.

The changes in the raft sluice mentioned in our last report proved a success.

The log sluice is used but very little, and could be dispensed with altogether without inconvenience to the public.

Upon the petition of citizens of Brewer for a supply of water from our Works, the Board, after mature consideration, concluded that it was not advisable to raise money to purchase and lay down mains and service pipes outside the limits of the city, and recommended to the City Council that a proposition be made to the petitioners to sell them a supply of water, they to furnish and lay down mains and service pipes, and be subject to the same rules and regulations as are, or may be, made for the citizens of Bangor, and in accordance with such recommendation the City Council passed

the following, to wit: a proposition to furnish water to a corporation which may be formed for the purpose of supplying citizens of Brewer with water, for not less than fifty per cent. of the gross receipts of such corporation, the water rates charged by such corporation not to be at any time less than the rates fixed from time to time by the City Council of Bangor for citizens of Bangor.

About the first of January last, T. N. Egery, Esq., representing himself and others, desired a hearing before the Board relative to the use of the "surplus water or power created by the dam," which was had, followed by several other hearings by the Board alone and in company with a joint special committee of the City Council, to whom this Board had referred the whole subject matter.

Pending the negotiations several important questions arose which seemed to this Board required the advice of a first class civil engineer, and upon our recommendation, the City Council directed this Board to employ a competent civil engineer to examine the dam and the subject matter of the memorandum of a lease, (unexecuted,) and report in writing; and especially to report whether the flume referred to in said memorandum will be feasible and put in without detriment to the dam or Water Works."

In accordance with such authority this Board employed James B. Francis, of Lowell, Mass., a Civil Engineer, of well known reputation, who came here February 14th last, and after due investigation and two several hearings, at both of which, Mr. Egery and many other prominent citizens were present and participated in the hearing, made the following report:

TO THE BANGOR WATER BOARD:

As requested by you I have examined the water power created by the dam across the Penobscot river at Treat's Falls, and the works for supplying the city of Bangor with water for domestic and other municipal purposes, with reference to answering intel-

ligently the several questions submitted to me by your City Solicitor, and I beg leave to submit the following :

Question 1.—“Have we any power for manufacturing purposes? If yes, how much? and how can it be best utilized?”

Answer.—No accurate gauge of the flow of the Penobscot river, when at its lowest point, so far as I can learn, has ever been made. In chapter XVIII. of the report of the Hydrographic Survey of Maine, by Walter Wells, on the authority of H. F. Mills, C. E., it is stated that the flow in the very dry seasons of 1864 and 1865 was *at least* 146,250 cubic feet per minute, or 2,437 cubic feet per second. This appears to have been the result, in part, of measurements, and in part of judgment.

The area of the territory contributing to the supply of the river above Bangor, or the water shed, is stated in the report of the Hydrographic Survey, to be 7,400 square miles, which agrees substantially with what I find from the best maps I have access to. The above flow consequently is equivalent to 0.329 cubic feet per second per square mile. The Merrimack river above Lowell yielded in the very dry season of 1840, which was previous to the improvement of the large reservoirs at the head waters of the river for manufacturing purposes, 0.366 cubic feet per second per square mile. In 1845 the manufacturing interests on the Merrimack river obtained control of the reservoirs and have since improved them by retaining water in freshets and discharging it in the dry seasons, the result being that the minimum flow is now nearly as low as 1.823 cubic feet per second, or at the rate of 0.445 cubic feet per second per square mile. The average annual rain fall on the water sheds of the Penobscot and the Merrimack rivers is about the same, viz.: From forty to fifty-two inches, and the Penobscot is fully as well supplied with natural reservoirs. Many of these reservoirs are now improved for logging purposes, the water reserved in the spring being discharged in the early part of the summer. For manufacturing purposes the water should be reserved until later in the summer, and I think it doubtful whether their present management is of much benefit for manufacturing purposes. I think, however, we may fairly compare the Penobscot, as it is now, with the Merrimack as it was in 1840, before the reservoirs were controlled in the manufacturing interests. To

be on the safe side, I take one-third of a cubic foot per second per square mile as the low-water flow at Bangor, which is about nine per cent. less than the low-water flow of the Merrimack before its large natural reservoirs were controlled in the manufacturing interests. This gives for the low-water flow of the Penobscot at Bangor 2,467 cubic feet per second.

To find what water there is to spare for manufacturing purposes there must be deducted from this the amount of water required for the water works and for the board sluice.

I was directed by your Board, in estimating the water required for the Water Works, to assume that there would be pumped for city use four millions of gallons per day to a height of two hundred and fifty-three feet. Much more water will be used in the day time than in the night, and I assume that one-half the quantity, or two millions of gallons, will be pumped in the eight hours between, say, 6 A. M. and 2 P. M. daily. The fall at the Water Works, I am informed, is about ten feet from the top of the dam to the surface of the water where it is discharged from the wheel house. To allow for losses of head at the headgates, racks and in the wheelpits, I assume the effective fall to be eight feet only, and I also assume the water wheels to give a useful effect of fifty per cent. of the total power of the water expended, and that twenty-five per cent. of the power is expended in overcoming the friction of the machinery and the losses in the pumps and pipes. On these assumptions I find that the quantity of water required to drive the pumps during the eight hours will be, 782.89 cubic feet per second; to which must be added the amount of water pumped viz.: 9.28 cubic feet per second; total quantity of water required by the city to supply two millions of gallons in eight hours, 792.17 cubic feet per second. The board sluice, I am informed, is thirty feet wide, and can be reduced to a depth of three feet below the crest of the dam, and will be used three hours per day, or say during one-quarter of the day. This, I estimate, will require on an average for twelve hours per day, 130.00 cubic feet per second. Total quantity required for Water Works and board sluice, 922.17 cubic feet per second. Deducting this from 2,467 cubic feet per second the total low-water flow of the river as estimated above,

leaves 1,545 cubic feet per second to be disposed of for manufacturing purposes.

The entire fall from the top of the dam, to the surface of the water in the eddy below, varies, as I am informed, from five feet to twenty feet, depending on the tide, and the condition of the river as to ice and flow of water. For manufacturing purposes I do not think it would be prudent to estimate the power on more than ten feet fall, although the average fall would exceed this. On this fall the quantity of water to be disposed of, as above, if used on water wheels giving fifty per cent. useful effect, would give 875 horse power. I was informed that the city of Bangor has the right to put flashboards on the dam in low water, two and a half feet high, and that a pond two miles long and a thousand feet wide, above the dam would be available, for the storage of part of the flow of the river during the night, for use the following day. The water on this area two and a half feet deep, if used, as above, in twelve hours, would give an additional power of 346 horse power, but as there would be a larger discharge at the board sluice on account of the increased height of the water, I estimate the increased power due to the flashboards at 285 horse power, adding this to the above estimate of the power without flashboards, we have the total amount to be disposed in low water equal to 1,160 horse power.

A similar calculation based on the assumption that when the reservoirs on the Penobscot are controlled for manufacturing purposes, to the same extent that they are on the Merrimack, that the low water flow of the two rivers will be in the same proportion as their respective water sheds, gives the amount to be disposed of in low water equal to 1,628 horse power.

The above estimates of power that may be disposed of are for the very low stages of the river; during the majority of years I should expect there would be a greater flow throughout the whole year, and that when the flow did become as small as I have estimated, it would be for very short periods.

As to how this power can be best utilized, I presume it is intended to be used on the Bangor side of the river. For its best use for manufacturing purposes, I should recommend that a canal be made, commencing a little above the Water Works and ex-

tending down the river, and nearly parallel to it, as far as the grade of the ground will permit. It will be very seldom that there will be less than 2,000 cubic feet of water per second, affording fully eleven hundred horse power, that may be used for manufacturing purposes, and for the best use of the power afforded by the dam I should recommend that a canal of sufficient capacity to carry that amount be made. Such a canal, to be serviceable in the winter, I should recommend to be not less than one hundred feet wide and twelve feet deep below the top of the dam, with walled sides. The width to diminish gradually towards the lower end, but the depth of twelve feet to be retained throughout. Of course the entire length of the canal need not be constructed at first.

Owing to the variable character of the power, depending on the tide, I do not think it is well adapted to cotton or woolen mills, which require more uniform power for their successful operation. For wood pulp mills, various kinds of mills for working wood and numerous other purposes, the power would be much better adapted.

Question 2.—“How much would the power be increased by raising the dam one foot? How much increase by raising two feet? How much increase by raising three feet? How much increase by raising four feet?”

Answer.—The increased power will vary with the quantity flowing in the river. When the flow is 2,467 cubic feet per second, as estimated above for a very low stage of the river, the quantity required for the Water Works and the board sluice remaining the same, the increase in the amount of power that may be disposed of for manufacturing purposes will be about eighty-seven horse power for each foot the dam is raised.

When the amount that can be used, besides what is required for the Water Works and board sluice, is two thousand cubic feet per second, the increased power due to each foot the dam is raised, will be about one hundred and thirteen horse power.

Question 3.—“Can the penstock desired by Mr. Egery be put in without detriment to the city's works, or present and future supply of water for municipal and domestic uses?”

Answer.—I think the penstock might be put in without detriment to the city's works as now used, but in view of their probable future wants I think the penstock ought not to be put in, or if put in, it should be only as a temporary matter. I say as a temporary matter because whenever the requirements of the city exceed the capacity of the present works, as, judging from the experience of other cities, may be reasonably expected at no very distant day, I should expect the flume would have to be removed to make room for the required extension of the works, as the space between the present works and the river would appear to be the best place to locate them.

Question 4.—“What amount of power is it prudent to permit to be used, from the city's mains and pipes, for manufacturing purposes?”

Answer.—In my opinion, it is prudent to permit power to be used from the city's pipes, only, to an extent that does not interfere with the supply for municipal and domestic purposes. In the ordinary course, the latter use will be gradually increasing, even with a stationary population, leaving less and less available for power for manufacturing purposes. If permits are given by the city to use water for power, it should be with the distinct understanding, that the city may rescind the same whenever they may deem it expedient. The use of water from pipes under high pressure is a very wasteful mode of obtaining power, and if any considerable amount is obtained from your pipes its effects will be felt at the higher points of consumption, which will either be deprived of water altogether, except perhaps during the night, or receive the water under much reduced pressure.

Question 5.—“How much land is necessary around the pump house for purposes of city uses connected with the dam, pump house and filtering?”

Answer.—If the works were always to remain as they now are, very little space beyond what is now occupied by the works would be necessary; but as it is almost certain that additional works will be required, and to an extent and with a method of construction, that cannot now be foreseen, I should recommend

securing the land between the railroad and low water mark, from the upper end of the premises, as now occupied, to at least three hundred feet below the present buildings.

Respectfully submitted,

JAMES B. FRANCIS.

Lowell, Mass., Feb. 24, 1882.

This report was referred to the Committee of the City Council, who made their final report March 8th, and therein recommended the propriety of offering to Mr. Egery and his associates, and, in case he declines, to any responsible person, persons or corporation, the surplus water or power created by the dam, (the Water Board to be the sole judges to determine from time to time how much water shall be considered and determined to be surplus water), subject, among other conditions, to the following, viz.: The lessees to construct, within two years from date hereof, a canal around the west end of said dam in the place indicated, and of the form, size and construction specified by Mr. Francis in his report, and convey or cause to be conveyed to the city of Bangor, without expense to said city, all the land lying between the land of the E. & N. A. R'y and Penobscot river and between a line at right angles to the river, say 25 feet above the upper stone abutment at the west end of the dam, and a line at right angles to the river 300 feet southwestly of the southwestly end of the present pump house, as per the agreement of the owners of the Treat, Drummond and Spratt farms; further details of the lease to be arranged at the time of making said lease. This offer to remain open six months and no longer.

A copy of which report, with all the papers accompanying, including the report of Mr. Francis, was given to Mr. Egery.

In 1875, the owners of the land around the west end of the dam agreed in writing with the City of Bangor, as follows:

If a dam is built connecting with the west shore of the

Penobscot River, not less than seven feet above mean high tide, on our premises, land will be furnished to connect the dam with the shore, and for all necessary buildings for pumping works, with right of way for pipes to convey water for the use of the city.

The west end of the dam was connected with this land and was more than seven feet above mean high tide. As yet no other title to any land has been given the city, at or near the west end of the dam, although this Board has brought the matter to the attention of the owners of the land frequently.

One of the questions submitted to Mr. Franois, it will be seen, related to the quantity of land necessary for city uses, and we are of the opinion that his report upon that question should be followed by the city, and we recommend that, if the proposition made by the City Council to Mr. Egery and his associates should not be accepted, the City Council take proper action to secure the quantity of land specified in said report, as necessary for the protection of the dam, and for any buildings, machinery, filters and other works likely to be needed by the city in its duty of supplying the city with water. It would seem that no good reason could exist for longer delay in the premises.

LYSANDER STRICKLAND,

President, *ex officio*.

H. B. WILLIAMS,

H. H. FOGG,

THOMAS W. VOSE,

WILLIAM CONNERS,

JOHN L. CUTLER,

SILAS D. JONES.

March, 1882.

REPORT

OF THE

COLLECTOR OF THE WATER BOARD.

DR.

1881. March 9.

To cash on hand.....	\$429 78
Uncollected rates of 1877.....	51 22
Same, 1878.....	68 01
Same, 1879.....	66 77
Same, from Jan'y to April, 1880.....	6 75
Same, from April, 1880, to April, 1881.....	1,304 57
Additional rates for meters, etc., Jan. to April, 1881	20 18
Received of D. P. Wingate, water for sprinkling, 1880.....	100 00
Same, for same, 1881.....	100 00
Amount charged for water service from April, 1881, to April, 1882.....	16,669 90
Received for water for fish hatchery, filling cisterns, slacking lime, etc.....	341 54
Amount charged the several departments of the city for water for 1881.....	8,114 00
Amount collected in advance of April, 1882...	433 76
	\$27,706 48

CR.

1882. March 14.

By uncollected rates for year 1877.....	\$40 80
Same, for 1878.....	62 97
Same, for 1879.....	56 27
Same, for 1880.....	2 50
Same, Jan'y to April, 1881.....	6 38
Same, April, 1881, to April, 1882.....	931 65
Amount credited in last year's report for collected in advance of April, 1881.....	318 07

By Abatements for 1877.....	\$6 67
Same, for 1879.....	8 00
Same, from April, 1880, to Jan'y, 1881.....	8 50
Same, from Jan'y, 1881, to April, 1882.....	51 49
Amount refunded for errors in collection.....	2 92
Amount credited Water Department by the city for water for the several Departments,	8,114 00
Cash paid City Treasurer.....	17,900 00
Cash on hand this date.....	196 26
	<hr/>
	\$27,706 48
GEO. W. SNOW, Collector.	

**Statement of Expenditures of Bangor Water Board, from
March 9th, 1881, to March 15th, 1882.**

Paid interest on water loan.....	\$30,360 00
Damages for flowage including making road in Brewer	1,234 48
Service account, including labor, materials, supplies and repairs.....	2,637 48
Running expenses at works, including pay of Engineer and Assistants.....	1,746 30
Miscellaneous expenses, including repairs on fishway, "wrecking," and labor on boom	809 44
Expense of horse keeping, purchase of wagon, blacksmith and harness work and repairs	292 53
Office expenses.....	17 92
Repairs at dam on sluice.....	676 31
Purchase of main pipe.....	716 64
Salaries of Superintendent and Clerk and Collector	1,400 00
	<hr/>
	\$39,941 10
GEO. W. SNOW, Clerk.	

REPORT

OF THE

ENGINEER OF THE WATER WORKS.

BANGOR, March 18th, 1882.

TO THE BANGOR WATER BOARD :

Gentlemen—The machinery at the Works is in good condition and able to respond to any ordinary call on it.

The pumps have been carried by water power the entire year. I find that some parts of the machinery are wearing slightly, more especially the slides, the crank pins and the cross head pins. The brasses have been fitted twice a year, tending to reduce them somewhat in size and strength. One of the cross head pins (now of cast iron) being considerably worn, I have made arrangements to have it replaced by one of cast steel.

With a few other small repairs the pumps will be in first class condition. The repairs spoken of will not cause any stoppage of the works, except for a few minutes at a time.

I think it would be well to have the paint on the machinery touched up and varnished, as there has been nothing done to it since the works started.

Some of the patterns for the suction pipe (which was

ordered late last summer) to take water from above the dam, are finished, and castings from them can be made before they are needed, which will be in the dryest part of next summer.

The flow of water over the dam was more uniform and greater than on any previous year, and was not so clear as in other seasons, but by passing through the filter it was much improved. As the number of water takers increase you will find that the filter will need to be enlarged. It is now only able to filter in a low stage of water about thirteen hundred gallons per minute.

The suction pipe in the clear water well is three feet from the bottom, and no gravel or other heavy substance can be pumped to the city, and instances of stones, etc., being found in the hydrants must be caused by their being left in the pipes when laid, or being put into the hydrants.

Some comments were made in regard to the water pressure at the High School fire. I will say that the pressure was higher than at any fire on the same elevation since the works started. I think the trouble was local. The water guage in the second story of the Steam Fire Engine house, twenty feet above the street, noted a minimum pressure of 85 pounds, which would give about 95 on the street, and should send a stream 140 feet or more high, or force water to a level of 218 feet. The rotary pump was not used, and if the Fire Department had wanted double the quantity of water it could have been supplied at three minutes' notice. The difficulty (if at all) in furnishing water at fires, will occur on extreme high tides, and when but little water is flowing over the dam, a contingency that cannot affect the lower part of the city.

I would respectfully suggest that when in the future quantities of water are taken from the pipes to supply motors, etc., that an air chamber be placed between the main and the supply valve. I think it would relieve the machinery and pipes when the valve is opened or shut suddenly.

You will see by the following table that the quantity of water used the past year was smaller than the year before.

1881.

March.....	27,539,600
April.....	23,788,700
May.....	24,498,030
June.....	24,279,990
July.....	25,159,550
August.....	28,231,500
September.....	27,125,400
October.....	32,486,480
November.....	30,663,600
December.....	32,718,950

1882.

January.....	37,510,000
February.....	31,080,000

Total.....	345,061,800
Average per day.....	945,235

Respectfully submitted,

WILLIAM W. FELLOWS.

REPORT

OF THE

SUPERINTENDENT OF WATER WORKS.

TO THE BANGOR WATER BOARD :

Gentlemen—I herewith submit the annual report of the condition of that part of the works under my charge. Also a schedule of stock, tools, etc., belonging to this department.

As in my report of last year, I am pleased to say that the pipes, hydrants and fixtures continue to be in good condition. No breaks in the mains have occurred and but a few leaks have been discovered.

There has been laid by order of the Board 2,457 feet of pipe as follows :

- 1,116 feet of 4 inch pipe on Lincoln Street.
- 347 feet of 4 inch pipe on Jones Court.
- 208 feet of 4 inch pipe on Grove Street.
- 150 feet of 4 inch pipe on Fifth Street.
- 242 feet of 2 inch pipe on Front Street.
- 143 feet of 1 1-4 inch pipe on Union Street.
- 251 feet of 1 1-4 inch pipe on St. Michael's Court.

There has also been laid 182 feet of 3-4 pipe on Sixth Street to supply the residence of Mr. Nason.

In addition to the above there has been 124 service pipes put in and five have been abandoned, caused by buildings being removed.

The total number of services now in use is 1,577.

The increased yearly rates for all additions made the past year is \$1,563.00.

Ten 1-2 inch services have been found to be obstructed by rust,

and have been taken up and replaced with 3-4 inch galvanized iron.

We continue to use the cast iron service box for all new work, and replace the wooden ones with them when found to be decayed.

More than usual attention has been given to the fire hydrants; and precautions taken to prevent their freezing by putting in new valves and by draining them; they have all been repacked and painted and are now in good order. Four have been found broken during the year and were repaired, and only two have been frozen the past winter.

There are three petitions for extensions of water mains which will be presented to the Board at an early day, the first is for a 4 inch to be laid on Pearl north of Garland; the distance is about 1,200 feet; this petition is signed by thirteen owners of real estate, and as there is no hydrant nearer than 1,500 feet of these houses, it would seem advisable to place one on this line for the protection of property on this and adjoining streets.

The other petitions are for pipe on Willow, from Centre to Market Streets, and for a 4 inch on Congress west of Centre.

These petitions were not presented till late in the fall, and have not been fully investigated as yet, but judging from the number of houses located on these streets, we should think that the above lines might pay the interest on the cost of laying.

Respectfully submitted,

FRANK E. SPARKS, Superintendent.

NUMBER AND LOCATION OF FIRE HYDRANTS.

	No.
At the Works.....	1
State street, corner of Howard street.....	2
State street, corner of Pearl street.....	3
State street, corner of Birch street.....	4
State street, corner of Maple street.....	5
State street, corner of Lime street.....	6
State street, between Lime and Grove streets.....	7
State street, between Essex and Pine streets.....	8
State street, corner of Broadway.....	9
State street, corner of French street.....	10
State street, corner East Market Place.....	11
Pearl street, south of State street.....	12
Pearl street, between State and Garland streets.....	13
Birch street, between State and Garland streets.....	14
Fern street, corner of Garland street.....	15
Fern street, between State and Garland streets.....	16
East Summer street, corner of Hancock street.....	17
Maple street, between State and Garland streets.....	18
Garland street, at end of Maple street.....	19
Newbury street, at head of York street.....	20
Gridley street, off of Newbury street.....	21
Hancock street, corner of Newbury street.....	22
Hancock street, corner of Boyd street.....	23
Hancock street, corner of Carr street.....	24
Hancock street, corner of Essex street.....	25
Hancock street, corner of Oak street.....	26
Hancock street, corner of Exchange street.....	27
Exchange street, between Hancock and Washington streets.....	28
Washington street, corner of Exchange street.....	29
Washington street, corner of Oak street.....	30
Washington street, at railroad crossing.....	31
York street, corner of Boyd street.....	32
York street, corner of Adams street.....	33
York street, corner of Essex street.....	34
York street, corner of Broadway.....	35
York street, corner of French street.....	36

York street, corner of Exchange street.....	37
Lime street, corner of Somerset street.....	38
Lime street, at City Common.....	39
Lime street, north of Garland street.....	40
Somerset street, between Elm and Grove streets.....	41
Elm street, corner of Garland street.....	42
Grove street, between State and Somerset streets.....	43
Grove street, between Somerset and Garland streets.....	44
Essex street, head of Penobscot street.....	45
Essex street, corner of Somerset street.....	46
Essex street, head of Cumberland street.....	47
Essex street, corner of Garland street.....	48
Essex street, 400 feet north of Garland street.....	49
Essex street, 800 feet north of Garland street.....	50
Essex street, corner of Stillwater avenue.....	51
Broadway, corner of Penobscot street.....	52
Broadway, corner of Somerset street.....	53
Broadway, corner of Cumberland street.....	54
Broadway, corner of Garland street.....	55
Broadway, near Brown's new houses.....	56
French street, corner of Penobscot street.....	57
French street, corner of Somerset street.....	58
French street, corner of Cumberland street.....	59
French street, corner of Garland street.....	60
East Market Square, opposite engine house.....	61
Park street, near Darling's factory.....	62
Center street, corner of Somerset street.....	63
Center street, corner of Cumberland street.....	64
Center street, corner of Garland street.....	65
Center street, corner of Jefferson street.....	66
Center street, corner of Madison street.....	67
Center street, corner of Congress street.....	68
Jefferson street, corner of Norfolk street.....	69
Madison street, corner of Norfolk street.....	70
Harlow street, corner of Center street.....	71
Harlow street, corner of Cumberland street.....	72
Harlow street, corner of Kenduskeag Avenue.....	73
Kenduskeag Avenue, corner of Division street.....	74
Kenduskeag Avenue, corner of Jefferson street.....	75
Kenduskeag Avenue, corner of Madison street.....	76
Kenduskeag Avenue, corner of Congress street.....	77
Kenduskeag Avenue, near G. F. Godfrey's house.....	78
Valley Avenue, at Morse & Co.'s mills.....	79
Thaxter's lane.....	80

Central street, east side of bridge.....	81
Cumberland street, corner of Market street.....	82
Spring street, between Harlow and Center streets.....	83
Prospect street, between Harlow and Center streets.....	84
Franklin street, near the bridge.....	85
Kenduskeag bridge, near Bowler & Merrill's.....	86
Kenduskeag bridge, near Osgood & Lyford's.....	87
Central street, west side of bridge.....	88
West Market Place, at Circular Block.....	89
West Market Place, at Mercantile Block.....	90
Pickering Square, corner of Water street.....	91
Broad street, corner of Independent street.....	92
Broad street, corner of Union street.....	93
Front street, foot of May street.....	94
Railroad street, at Dole & Fogg's mill.....	95
Railroad street, at depot grounds.....	96
Summer street, corner of Cedar street.....	97
Summer street, corner of Union street.....	98
Main street, at A. H. Roberts' store.....	99
Main street, corn of Middle street.....	100
Main street, corner of Union street.....	101
Main street, near Davenport Square.....	102
Main street, near Parkhurst's factory.....	103
Main street, head of Railroad street.....	104
Main street, corner of Patten street.....	105
Main street, corner of Sidney street.....	106
Main street, corner of Lincoln street.....	107
Main street, corner of Buck street.....	108
Main street, near the City Alms House.....	109
In the yard at City Alms House.....	110
Davis street, corner of First street.....	111
Columbia street, corner of Cross street.....	112
Franklin street, corner of Hammond street.....	113
At City Stables, and County Buildings.....	114
Court street, corner of Hammond street.....	115
Court street, near C. A. Neally's.....	116
Court street, corner of Boynton street.....	117
Court street, near E. S. Coe's house.....	118
Everett street, corner of Bower street.....	119
Thomas street, corner of Charles street.....	120
Ohio street, corner of Hammond street.....	121
Ohio street, in front of Mrs. Pitman's house.....	122
Ohio street, corner of Hudson street.....	123
Ohio street, head of Everett street.....	124

Ohio street, corner of Bower street.....	125
Ohio street, opposite Highland street.....	126
Ohio street, corner of Fremont street.....	127
Ohio street, corner of Mill lane.....	128
Ohio street, corner of Fourteenth street.....	129
High street, near Patten Court.....	130
Union street, corner of High street.....	131
Union street, corner of Clinton street.....	132
Union street, corner of Hudson street.....	133
Union street, corner of George street.....	134
West Broadway, corner of Union street.....	135
West Broadway, corner of Cedar street.....	136
Pond street, corner of Hayward street.....	137
Sixth street, near the foot.....	138
Hammond street, corner of Union street.....	139
Hammond street, opposite Fifth street.....	140
Hammond street, corner of Cedar street.....	141
Hammond street, east of West Broadway.....	142
Hammond street, corner of Webster road.....	143
Cedar street, corner of First street.....	144
Cedar street, corner of Second street.....	145
Cedar street, corner of Third street.....	146
Cedar street, corner of Fourth street.....	147
Fifth street, between Cedar and Warren street.....	148
Fourth street, between Cedar and Warren street.....	149
Third street, corner of Warren street.....	150
Parker street, near Stoddard & Hellier's.....	151
Owned by E. & N. A. R'y Co., located near their engine house..	152
Washington street, near Toll Bridge.....	154
Hammond street, extension.....	155

WATER RATES.

DWELLING HOUSES.

For each dwelling house containing a family of not more than five persons, with one faucet for use within the tenement, \$5.00 per annum.

For each additional person in family, 50 cents per annum.

For the first two wash hand basins set, \$1.00 each per annum.

For each additional hand basin, 50 cents per annum.

For one bathing tub, \$3.00 per annum.

For each additional bathing tub, \$1.00 per annum.

For one water closet, \$3.00 per annum.

For each additional water closet, \$1.00 per annum.

For a dwelling occupied by two or more families, each family to pay three-fourths of the above rates per annum.

HOTELS AND BOARDING HOUSES.

Hotels and boarding houses, from \$10.00 to \$40.00 per annum.

For each room within the same for boarders or lodgers, an additional \$1.50 per annum.

For each water closet or urinal, \$5.00 per annum.

BUILDINGS.

For buildings used for offices or occupied by different tenants for business purposes, not for sale of merchandise.

For each office in which there is a faucet, \$3.00 per annum.

For each water closet in the same, \$2.00 per annum.

When a faucet is so located as to be used by occupants of another office, an additional \$2.00 per annum.

And for a water closet used by occupants of another office, an additional \$2.00 per annum.

STORES.

For each tenement used as a store or warehouse, in which there is one faucet, \$5.00 per annum.

For each additional faucet, \$2.00 per annum.

For each water closet or urinal, \$5.00 per annum.

For each additional water closet or urinal, \$3.00 per annum.

BUTCHERS' STALLS AND FISH MARKETS.

For each store or stall used for vending meats or fish, for one faucet, \$10.00 to \$15.00 per annum.

For each additional faucet, \$5.00 to \$10.00 per annum.

SALOONS AND EATING HOUSES.

For each saloon or eating house, wherein the food consumed is cooked; for one faucet, \$8.00 to \$12.00 per annum.

For each faucet additional, \$5.00 per annum.

For each wash hand basin set, \$2.00 per annum.

For each tub or wash trough, \$2.00 per annum.

For each pan water closet, 3.00 per annum.

For each hopper water closet, \$6.00 per annum.

MECHANICS' SHOPS.

No water used for power—for one faucet, 5.00 per annum.

For each additional faucet, 2.00 per annum.

PRIVATE STABLES.

For private stables, including water for washing carriages, for one horse, 5.00 per annum.

For each additional horse, 1.50 per annum.

For one cow, 2.00 per annum.

For each additional cow, 1.00 per annum.

Truckmen's stables shall be charged for one horse, 3.00 per annum. For each additional horse, 1.00 per annum.

LIVERY STABLES.

For livery stables, for one horse, including washing carriages, from 6.00 to 10.00 per annum.

For each additional horse, 1.50 per annum.

HOSE.

Free for extinguishing fires.

For washing windows and sprinkling streets, 3.00 to 6.00 per annum.

For sprinkling lawns and gardens, 2.00 to 10.00 per annum.

PRINTING HOUSES.

For ordinary purposes, including washing types, for each press 10.00 to 25.00 per annum.

When motors are used, a special charge will be made for them.

STEAM ENGINES.

Stationary steam engines, working not over ten hours per day, per H. P., 4.00 per annum.

BUILDING PURPOSES.

For each cask of lime slacked, 4c.

For each cask of cement slacked, 3c.

BAKERY.

For each bakery using not more than two barrels of flour per diem, 6.00 per annum.

For each additional barrel used per day, 3.00 per annum.

MOTORS.

When the quantity used does not exceed 1,000 gallons per diem, 15c per 1,000 gallons.

Where the quantity used exceeds 1,000 gallons per day, 10c per 1,000 gallons.

METER RATES.

Domestic use, for quantity not exceeding 1,000 gallons per day, 30c per 1,000 gallons.

From 1,000 to 3,000 gallons, 25c per 1,000 gallons.

Over 3,000 gallons, 20c per 1,000 gallons.

CITY ORDINANCE

RELATING TO

BANGOR WATER WORKS.

SECTION 1. It shall be the duty of the water board of said city to cause all the hydrants connected with the water works, to be examined as often as necessary, to see if they are in good order; to keep them, during the winter, free from snow and ice, and to have them at all times in good condition for use.

SEC. 2. No person unless authorized by said board, shall open any fire hydrant, nor remove any cap thereof, nor fasten any horse or team to or in front thereof, or in any way obstruct free access to and use thereof, nor deposit any dirt or other material in any public or private stop, gate-box, or stop, nor in any manner commit any act tending to obstruct the use of any hydrant, gate or valve. *Provided*, however, in cases of fire, the hydrants shall be for the time being, under the entire control of the chief engineer of the fire department, who, after each fire, shall cause each hydrant used to be left in good condition for immediate use. Said engineer may also, after having given notice to said board of his intention so to do, use said hydrants to fill the reservoirs of said city.

SEC. 3. Any person desiring a supply of water, shall make application in writing to said board, stating for what use it is wanted, the location in which it is desired, and as near as may be the extent of its use. If application is made by tenants, it must contain the assent of the owner or agent

of the premises, and he, or they, shall be responsible for the rate for the use thereof.

SEC. 4. All pipes, valves, and fixtures, must be capable of sustaining a pressure of at least two hundred pounds to the square inch; and the plumber's work must be examined and tested by the inspector of said board, before the water is finally turned on.

SEC. 5. Said board will furnish and lay a service pipe from the street main to the outer edge of the side-walk, and furnish and place at said edge of the side-walk a stop valve and box, on condition that the applicant shall thereafter maintain and keep it in order at his own cost, and that the same shall at all times be completely subject to the control of said board. No pipe shall be connected with the city service pipe, nor shall water be turned on at any time until a permit is issued therefor. All connections with main pipes shall be made by a person appointed for that service by said board.

SEC. 6. Said board are authorized to appoint an inspector of said works, and define his duties. Said inspector shall at all times, when on duty, wear, in a conspicuous place on his clothing, a badge furnished by the water board. He shall at all proper and reasonable times have access to, and be permitted to inspect pipes, fixtures, and apparatus supplied with water, and may control the location and use of the stop and waste cock in the cellar of the building, or in whatever location it may be placed, as the interest of the city may require.

SEC. 7. Water will in no instance be turned on until the plumbing has been examined and approved by the inspector of said board, or reported safely and well completed in all its parts, to sustain a pressure of two hundred pounds to the square inch, by a plumber licensed by the board, and approved by the inspector; and every plumber who shall set up any pipes, fixtures or apparatus for the use of water, or

shall make repairs upon or additions to those already set up, shall report to said board within two days of the completion thereof, the nature of the repairs or additions which have been made to the work heretofore existing.

SEC. 8. All persons supplied with water shall keep the cock, pipes, and fixtures in good repair, and protected from frost. No continuous flow to guard against freezing or for other causes, will be allowed but by special permit of said board, and by paying extra rates therefor; and no leak shall be suffered to exist in any pipe, fixture, or attachment.

SEC. 9. An unnecessary use or waste of water, or allowing it to be used by parties, or for purposes not specified in the application, will subject the offender to an immediate stoppage of the water, and the payment of not less than double the rates for the quantities thus used, or wasted, as estimated by the inspector. And when water has been turned off from any premises for any reason above stated, or for any defect in the plumbing, the sum of one dollar will be charged for turning on.

SEC. 10. Any person considering his water rates excessive, may apply to said board for a meter to be set at his expense, and the amount of his rate may be determined thereby; and said board may cause a meter to be attached to any premises where they have reason to believe that an unnecessary or fraudulent use of water is being made, and may assess rates upon such premises thereby.

SEC. 11. Water supplies for hydraulic power, or in large quantities for special use, will be subject to such restrictions as said board may impose; and no meter shall be put in use without the consent of said board.

SEC. 12. Each builder or superintendent of building using city water, shall, on the first day of each month, return to said board at their office, a full and true account of all water used by him during the month previous, and he shall at that time pay for the water so used.

SEC. 13. All the water rates, except for building purposes, meter rates, lawn and street sprinklers, shall be due and payable at the office of said board, quarterly in advance, on the first day each of January, April, July and October. Meter rates will be due and payable at the same place on the first day of the succeeding quarter; and rates for garden, lawn and street sprinklers will be due and payable in advance at said office, on the first day of April and July of each year. The amount of each rate remaining unpaid twenty days after it is due, will be increased ten per cent.; and one per cent. per month interest on the original amount due, will be charged in addition therefor, until paid, together with costs of collection.

SEC. 14. Not more than twenty-five per cent. discount will be made from regular rates when supplies of water are taken by special permit from yard fixtures, or from sources without the premises; and in no case shall such supplies be taken from fire hydrants.

SEC. 15. Said board reserve the right to shut off water after giving notice of their intention to do so, for the purposes of making extensions, alterations or necessary repairs. And they will shut off water without notice from premises, when the user shall disregard the rules for its supply, neglect to pay the rates therefor promptly, or shall sell or permit an unauthorized use of the water. Any person receiving water through a stop in common with another person, will be liable to have his supply shut off in consequence of the violation of the rules by the other person or party.

SEC. 16. The regular rates for fountains and jets will be based upon their use for six hours per day for one hundred days in the year, or equivalent to that time; and shall not exceed in size, in locations not over one hundred feet above the pumping house floor, three-sixteenths of an inch in diameter. And for localities not over one hundred and fifty feet above said floor, one-fourth of an inch in diameter; and in no case over three-eighths of an inch in diameter.

SEC. 17. The regular rates for street and garden sprinklers, and for yard and lawn hydrants, will be based upon their use for one hour per day for ninety days in a year ; and are not to be used to the inconvenience or injury of persons passing in the streets, and only at such hours as said board may direct. Yard and garden hydrants must not be converted into jets ; and neither the sprinklers nor hydrants are to be used for wetting other premises than the ones defined in the application, without permission of said board, and payment of said additional use. The size of the stream permitted shall in all cases be fixed by the board, and the increasing of the size by the user, shall be sufficient cause for the turning off of the water. The board may designate the hours during which the sprinklers or hydrants may be used. Their use while a fire is raging, is positively forbidden, except in case of danger of the premises from fire.

SEC. 18. All valves for water closets and urinals must be self-closing, and are to be submitted to and approved by the inspector of the board. Tanks receiving water direct from the mains, are to be fitted with approved self-acting float valves.

SEC. 19. Any person who shall violate any of the provisions of this ordinance, shall forfeit and pay the sum of not less than one nor more than thirty dollars, to be recovered by action of debt in the name of the City Treasurer, for the use of the city, before the police court, or any other court that may hereafter have jurisdiction of the same.

REPORT

OF THE

CITY ENGINEER AND SUPT OF SEWERS.

BANGOR, March 16, 1882.

TO THE CITY COUNCIL :

The City Engineer and Superintendent of Sewers herewith begs leave to present his annual report of work done in his departments during the year ending March, 1882.

The following is a summary of the work done in the City Engineer's Department during the year :

Street lines have been run on West Park, Main, Parker, Patten, Washington and Broad Streets, and on Stillwater Avenue. Measurements have been made for concrete walks on Brown, Essex, Fourth, North High, Jones Court and Pine streets, all of which, with the exception of Jones Court, were built. A survey was made for the extension of Parker Street to Main street. This laying out was not accepted, but in its stead, Parker street was extended to the north line of the Bangor Stone Ware Co.'s land, and from this point a new street, called Hellier street, was built, connecting the end of Parker street with Patten street. This new street and extension was built and opened to travel late in the fall.

Levels have been run and plans made for sewers on Garland, Pond and Railroad streets ; also for an extension of the Sanford street sewer, and for a sewer on Meadow Brook from

Broadway to French streets ; all of these, with the exception of the one on Railroad street, were built.

As few recorded plans exist of sewers built a dozen years ago, and these I may say are but of little practical value, an attempt was made to ascertain, and as far as practicable record plans of such sewers. Profiles of some of the unrecorded sewers were found in my office, and they were recorded, together with plans showing the situation of the adjoining lots and the ownership of the same when the sewer was built. The following sewers were thus entered on the Sewer Plan Book : Centre street sewer from Congress street to Meadow Brook, built in 1869 ; French street sewer from Somerset to State streets, built in 1867 ; Grove street sewer from Garland to Somerset streets, built in 1869 ; Somerset street sewer from Grove to Date streets, built in 1869 ; Sanford street sewer, from Union to Cedar streets, built in 1867 ; Union street sewer from First to Main streets, built in 1868. In addition to the above, plans and profiles of all the sewers built this year were recorded.

The following plans were recorded on the City Plan Book : widening of Harlow street in 1879 ; extension of Bruce road to Valley Avenue in 1879 ; extension of Garland street to the Hogan road in 1880 ; plan of transfer of land to the Mt. Hope Cemetery Corporation in 1880 ; and plan of Hellier street and extension of Parker street. Plans of changes made in the cemeteries this year were also recorded. These changes were as follows : twenty-five new lots were added to the public grounds of Mt. Hope Cemetery ; nineteen new lots were staked out in Maple Grove Cemetery, and as the bounds of the old lots had become obliterated, all the lots in the cemetery were restaked ; fourteen new lots were added to Oak Grove Cemetery, and a portion of the old lots were renumbered.

I desire here to call your attention to the present condition of your street monuments. As they at present exist it is

impossible, on many streets, to obtain the street line with accuracy, and in some cases the lines of the street as recorded, do not agree with the lines as traveled and built. A large number of monuments are inaccessible, being buried either under ground or under concrete, so that it is only with great difficulty that they can be found, and then only by a person knowing just where to look for them. In one case, a few years ago, one was found seven feet under the present surface of the street. Such monuments are, of course, of no practical value, as the labor necessary to find them is usually so great as to make it useless to search for them. This state of things is liable to grow worse instead of better, and means should at once be taken to remedy the evil and put things on a secure footing. The most complete remedy, and the one that would definitely fix all street lines, and render them always accessible and easily found, would be as follows: First, lay out all streets anew, making their lines conform to the present lines as nearly as possible. Second, make all monuments of the size prescribed in the City Ordinances, Page 75, Section 6. Third, set all street monuments flush with the surface, and all of them either on the line, or some fixed offset from the line, so that they may always be accessible, and so that they may all agree with each other, and so that the line as found with any two stones will agree with that found with any other two stones. Fourth, have all monuments connected by measurements with one or more other monuments, so that, if by chance one should be lost, its exact situation may be easily and quickly ascertained by means of these measurements. In this way your street lines would be so securely fixed that in the future there need be no question of their whereabouts. Owing to a press of other work no monuments have been reset this year, and but three new ones have been put in. These were placed on the lines of Hellier Street.

In the Sewer Department 1,425 feet of new brick sewer

have been built, and 89 feet of pipe sewer. With this there have been built five cesspools, five chimneys and three man-holes. The following shows the location of the new sewers and the cost of each piece :

Pond street from Cedar street northerly 225 feet. Size 12x18 inches.....	\$175 20
Sanford street sewer extended southerly from Cedar street 200 feet. Size 2x3 feet, 1 manhole.....	653 78
Washington street from Exchange to French streets. Length 265 feet. Size 14x20 inches. 3 cesspools.....	431 14
Meadow Brook from Broadway culvert to French street culvert, a distance of 468 feet. In addition to this the lower part of this sewer was extended into the Broadway culvert about 100 feet, so that the amount of sewer built was equivalent to 500 feet of complete sewer. Size 5 feet circular. 2 manholes, and 1 chimney.....	2,020 33
Garland street from Broadway to a point 115 feet east of the east line of Pine street. Size 16x24 inches. Length 235 feet of brick sewer, 17 feet of 12 inch pipe, and 72 feet of 6 inch pipe sewer. 4 chimneys	438 94
Roberts' Dock, about 325 feet of plank sewer. Size 2 feet circular	989 76
Total cost of new sewers.....	\$4,709 15

On these new sewers only the following amounts were assessed :

Pond street sewer.....	\$130 36
Washington street sewer.....	200 00
Garland street sewer.....	234 00
Total amount of assessments made.....	\$564 36

Owing to considerable repairs being made on the Ferry-way sewer, and to nine new cesspools being built, the amount expended for repairs has been much larger this year than for several years. The following shows the amounts expended for repairs in this Department:

Grove street, between Somerset and Garland streets, two chimneys replaced by cesspools.....	90 54
Corner of Somerset and Grove streets, 1 chimney replaced by a cesspool.....	53 73

Corner of Fifth and Hammond streets, one chimney replaced by a cesspool.....	\$44 53
One new cesspool and connection on north side of Fourth street	63 17
Repairs on Fourth street sewer.....	26 83
Digging trench from end of Sixth street sewer to brickyard..	8 73
Repairs on Hancock street gutter, near Merrimac street.....	4 37
Repairs on chimney on Exchange street.....	16 90
Repairs on chimney on Hancock street.....	3 76
Repairs on chimney on Davis street.....	8 83
Repairs on Everett street sewer.....	19 96
Repairs on chimney on Everett street.....	5 35
Repairs on drain on Exchange street.....	20 87
Pipe drain laid from Hancock street sewer across land of McCarty.....	46 07
Corner of Spring and Harlow streets, one chimney replaced by a cesspool.....	36 88
One new chimney built on Walter street.....	4 88
Three chimneys on Exchange street, replaced by cesspools..	227 72
Repairs on chimney on Garland street.....	4 82
Repairs on Ferryway sewer.....	305 46
Cleaning Third street sewer.....	13 87
Digging trench north of Third street, between Parker and Carroll streets and paid towards expense of building stone culvert.....	161 24
Repairs on Boyd Court sewer.....	34 00
Sundry repairs.....	10 15

Total expense of repairs..... \$1,212 68

The following is a summary of the receipts and expenses of the Sewer Department for the past year.

RECEIPTS.

Amount of appropriation.....	\$6,500 00
From collection of assessments.....	1,490 66
Total.....	\$7,990 66

EXPENSES.

For 1,514 feet of new sewer with three cesspools, five chimneys and three manholes.....	\$4,709 15
For expense of repairs.....	1,212 68
For expense of cleaning cesspools.....	905 60
Paid Bangor Water Board for water.....	400 00
Paid Highway Department for labor.....	220 00

Paid for trucking.....	\$63 07
Sundry expenses.....	282 38
Balance unexpended.....	197 78

\$7,990 66

On account of continual complaints being made of the sewers emptying into the river at the Ferryway and at Roberts' Dock, about two hundred feet of the former has been abandoned, and the latter has been extended into the river about three hundred feet. The latter was built of plank, circular in shape, and 24 inches in interior diameter. It was heavily loaded with rock and hooped with iron, and at its end was chained to two large boulders imbedded in the mud. In the place of the sewer at the Ferryway that was abandoned, a new sewer was laid close to the wharf, and securely fastened thereto and connecting with the old sewer about two hundred feet from its former mouth. This was built of plank, and circular, with an inside diameter of 18 inches. This sewer empties into the river about thirty feet farther out than before, and is so situated that its mouth will be very rarely entirely uncovered.

I desire to call your attention here to the great need of a sewer on Boyd street to accomodate those living in that vicinity. The citizens living in Boyd Court are at present dependent for their drainage on an old wooden sewer built a great many years ago. This sewer is badly decayed and liable to go to pieces at any time, in addition to which it runs under the buildings in such a way as to be almost inaccessible. This sewer burst last summer, and was uncovered by parties living on the Court. The City being called upon to repair the evil, I made examination of the premises and found the sewer in such bad shape as not to warrant much outlay upon it. I accordingly cleaned it out, and made temporary repairs upon it, so that it might last until another summer. Whenever this gives out again it should be effectually closed up and abandoned, and previous to that time a good and

durable sewer should be built to take its place and give accommodations to all living in that vicinity.

Many complaints have justly been made of the practice of emptying the foul water from the cesspools into the streets. This evil has now been remedied by building a water-tight cart modelled after those in use for this purpose by the Boston Health Department. In this the water can be hauled off instead of poured upon the streets, so that in the future there need be no further complaint from this source.

Our system of sewers, which may be said to be a lack of system, is far from complete. A large amount needs to be expended to bring it to a state of perfection. A step in the right direction has been taken this year in the construction of a short line of sewer on Meadow Brook, and an extension of the Sanford street sewer a distance of two hundred feet. Both of these sewers have been provided with manholes with perforated covers of the same pattern as those in use in Boston. These sewers should be continued year by year, a little at a time, until they reach the river. All our sewers should be constructed with a view to some system of intercepting sewers, which shall discharge all sewerage into the river and cut off all that which flows into the stream. But at the same time let us proceed with due care and caution, profiting by the experience of other places, and by the opinions of men standing high in the matter of sewerage, and carefully avoiding all errors which we may find to have been made in other places, and by this way I think we may hope to obtain an excellent system of sewerage, one which shall do away with the many complaints now made of imperfect ventilation, and outlets constructed in wrong locations, discharging into the stream and accumulating beds of sand and filth at our wharves to be exposed at every low tide to the annoyance of all working in the vicinity. But let us at the same time avoid the error committed nearly every year of, in some cases, delegating the power of constructing sewers to some private party,

other than the Superintendent of sewers. This person perhaps may be one, and in fact generally is one, who has never, outside of the city, seen a sewer, and whose business it never has been to investigate and study the problems of sewerage, problems concerning which, even among leading men of the times, who have devoted their lives to the subject, there is often some disagreement concerning many points; let us not, I say, delegate this right to private parties, most of whom know not even the a b c of sewers, though perhaps they think they do. The result of such work I have invariably found to be the same. The sewers built under such management are always built according to some ancient model, which has long since been discarded by engineers in other places, who are continually trying to improve and to find the best methods of doing such work. They are generally built with an eye to cheapness and not durability, and although the workmanship may be good, yet the sewers, on account of being improperly modelled, or built of poor material, are liable to, and often do, cost more in the long run than a first class sewer would, as in many cases they have to be rebuilt and are a continual source of annoyance to the neighborhood.

In addition to the system of intercepting sewers before alluded to, which should discharge the sewerage of the city at two points on the river, one at the foot of Exchange street and one at or near the Ferryway, lines of sewers should be started on all the water courses, which are polluted by the emptying of sewerage into them, to discharge their contents into the river without the offense they now make, and of which frequent complaint is made. When all this is done the sewerage of the whole city can be discharged at five points on the river, viz.: one near the foot of Newbury street; one at Roberts' Dock; the two outlets alluded to above, and at the Maine Central Railroad wharf.

Great and increasing complaint is made every year of the

foul odors arising from the discharge of gases through our untrapped street gullies. This is a complaint to which attention should be paid, and means taken to remedy the evil as rapidly as possible. In the early days of our sewers these worked very well, owing to the comparatively small use of the sewers then. Since the introduction of water into the city the use of the sewers has greatly increased, consequently the evils of these street gullies are becoming more apparent. These untrapped street gullies answer a double purpose. One of their uses, I think, is apt to be overlooked, and that is their use as ventilators for the sewer. This fact must not be lost sight of, and although these are undoubtedly an annoyance to passers by, and should be trapped as rapidly as possible, yet it should not be done without providing some substitute for them in this respect. In closing them without providing some other outlet for the escape of gas, we only make a bad matter worse, for the gas if it cannot escape through these into the open air will seek some other outlet, and there will be danger that it will find its way into our houses, wherever it can find the easiest place of escape, either being forced in by pressure exerted upon it in the sewer, or working its way through the trap by diffusion. It must not be supposed, however, that all complaints that are made of the gases from these gullies are due to this cause. It has been the custom of late years to attribute all bad smells to them, for in many cases these complaints on examination and being traced to their source are found to be caused by imperfect construction of private drains or by unclean premises. I would recommend hereafter that whenever these street gullies are closed, that ventilating shafts be built over the sewer up to the surface and covered with perforated covers, thus giving an outlet to the gases where there will be the least annoyance to passers by. During the winter of 1880-81, by means of circulars sent to the Engineers of the principal cities of New England, and in some cases by a

personal interview with them, I made an investigation of this and other subjects connected with sewers, and I found the general opinion in favor of this method of ventilation. The Board of Police of Greenock, Scotland, have issued a report on the Sewer Ventilation of thirty-three towns in Scotland and England. This report was compiled from information received from Burgh Engineers. From their report I find that in twenty-five of these places their street gullies are all trapped, while in six, they are partially trapped, and in two, they are untrapped. In twenty-eight of the towns they use for ventilation the perforated manhole covers to a greater or less extent; in three, the sewers are unventilated, and in two, they depend entirely on some other means of ventilation than perforated covers. In answer to the question, "Is the system adopted efficient and satisfactory?" all but eight of the places gave a satisfactory answer, and of these, five gave no answer. In answer to the question, "Any objections from public or others?" only one of the places made any objection to this method of ventilation. No city in the world has given so much attention to this subject as the city of London, and the reports of the Metropolitan Board of Works give a complete history of their experience. An abstract of these would be too lengthy for this report, but I will say briefly this: The original method of ventilating the London sewers was by untrapped street gullies, the same as our present method. This method was abandoned on account of the annoyance to foot passengers, arising from the noxious gases being discharged so near the sidewalk. This subject gave rise to a prolonged investigation by experts, who experimented on the subject for a period of ten or eleven years. They tried various devices and plans, but the system of frequent openings in the centre of streets has never been abandoned there, for no other system of ventilation has been found adequate to take its place.

The Meadow Brook sewer and the Sanford street sewer extension have been provided with these perforated manhole covers. Edward S. Philbrick, C. E., of Boston, in a lecture delivered before the School of Industrial Science at the Massachusetts Institute of Technology in Boston, on the subject of ventilation of sewers, said as follows: "Without efficient ventilation the sewers very soon become public nuisances rather than benefits. They are in that case the active and efficient agents for the rapid diffusion of disease, from house to house, from street to street, and from quarter to quarter of a great city. In using the sewers for the removal of liquid refuse, we have had the help of the force of gravity, but in dealing with these gaseous products this force turns against us, and works the other way, impelling the noxious gas upwards towards the branches and inlets whence the sewerage came, or up any lateral street sewer the course of which lies in a convenient direction. If ample means are not provided for replacing these gases by fresh air, the process goes on and accumulates them in large volume, and these gases, impelled by the well-known forces of diffusion and gravity, seek and actually obtain entrance to every house with which the sewer has connection. Very few of our houses have traps outside their walls in their main drains, and even where they have, this gas has the power of passing slowly through the trap water by absorption, to be given off again on the other side whenever it accumulates to such an extent as to largely replace the common air in the sewer or drain. The insidious nature of such an enemy is one of its worst characteristics, for it acts by invisible agencies. The worst of the gases can hardly be detected by the sense of smell, the only sense with which we are endowed having any semblance of the function of the watch dog in guarding us against such attacks. Individual action on the part of the householder is quite powerless against this evil.

No system of traps, even if employing all the patents now on record, would suffice to stop it. Neither is the perfect ventilation of the house drain itself, however important, able to cope with the lack of ventilation in the sewer. The office of house drain ventilators is local only, and can never relieve to any appreciable extent the want of ample change of air in the sewers themselves, even if it were safe to adopt such a course." Let us therefore in the future bear these things in mind, and whenever we are called upon to close up two or three of these gullies in one locality, substitute something to act, in this respect, in their place.

By the amendment to the City Ordinances, which was passed late in the Fall, placing the right to make all connections with the sewers in the hands of the Superintendent of Sewers, an evil which has always existed here may be done away with. I refer to the fact of any and every one being allowed to make connection with the sewers, a fact which has resulted in many cases in injury to the sewers, owing to the connections being improperly made.

The most pressing want now felt by the Sewer Department is the need of some suitable quarters, which at the same time may be easy of access, for the storage of its stock of tools and materials on hand, where they can be kept and taken care of. All other departments have ample and convenient quarters provided for their use, and there seems to be no reason why this department should be refused what all others are allowed. No person can conduct his business so economically and well, if he keeps his goods all piled up in one place irrespective of kind, and is obliged whenever a customer comes in, to pull over his whole stock to get what is wanted, as he can to have his stock so arranged as to be able to put his hands immediately on an article wanted. It is the same with this department. Under the present arrangement we are in the condition of the merchant with his goods all mixed up, and it is difficult to keep our stock in

good working order for lack of accommodation, and I earnestly hope this matter will soon be remedied.

In closing I wish to express my thanks to the City Council for their support during the year, and for their willingness to pass any measures which may have been proposed for the benefit of this Department.

Respectfully submitted,

THOS. W. BALDWIN,
City Engineer and Supt. of Sewers.

REPORT

OF THE

STREET COMMISSIONER.

TO THE CITY COUNCIL:

The Commissioner of Streets begs leave hereby to submit his report for the municipal year 1881-2.

The Commissioner charges himself with the following :

RECEIPTS.

Appropriations.....		\$14,000 00
Hire of teams and labor for himself and others...	\$86 00	
Sale of wood.....	521 74	
Assessments for concreting.....	229 58	
Sale of horses.....	700 00	
Rebuilding sidewalk on Exchange street.....	290 03	
Incidental fund for labor on Park.....	100 00	
Sewer Department for labor.....	700 00	
School Department for labor.....	150 00	
Pauper Department and for manure.....	122 25	
Water Department for labor.....	460 00	\$3,360 60
		17,360 60
Overdrawn		4,115 93
		\$21,476 53

The Commissioner credits himself with the following :

EXPENDITURES.

Salary of Commissioner.....	\$700 00	
Salary of Street Engineers.....	150 00	
Concreting sidewalks.....	1,250 00	
Paid for horses.....	1,080 00	
Paving Exchange street.....	4,200 00	
Lumber for bridges, culverts, etc.....	950 00	
Building continuation of Hellier street.....	200 00	
Labor of men and teams on streets and sidewalks, breaking roads, gravelling sidewalks, hay and grain, building culverts, etc., etc.....	12,946 53	
Total expenditures.....		\$21,476 53

In addition to the ordinary repairs upon the streets, sidewalks, bridges and culverts, we have laid eight hundred yards of new concrete walks and re-covered five thousand yards of old, built six new concrete cross-walks and re-covered as many more. We have replanked the Merrill's Mill, the Dudley, and the Central street bridges and a portion of the Kenduskeag bridge. We have also rebuilt in a substantial manner a large number of culverts—in many of them substituting stone for wood.

The expenditure of about \$4,200 in paving a portion of Exchange street has added largely to the expenses of the department, but it is hoped that the improvement thereby made will fully justify the outlay.

The year has been a very unfavorable one for this department, requiring unusual expenses for gravelling streets, and especially for breaking roads and clearing sidewalks of snow.

We have sold seven horses, which having been in the service a good while, had become unsuitable for our use, and have replaced them with four young, heavier ones, so that while the number of horses is thus reduced our teams are more effective.

We have bought one new cart and one new snow plow. Otherwise the property of the department remains about the

same as at the beginning of the year, and having had proper care and needful repairs is in good condition.

The Commissioner would take this opportunity to bear testimony to the zeal and fidelity of the Committee on Streets and Highways, and to acknowledge his indebtedness to them, and especially to the Chairman, C. L. Marston, Esq., for many courtesies and for much valuable assistance.

And now, gentlemen of the City Government, permit me to express to you, and through you to your predecessors in office, my grateful acknowledgements for such generous appreciation of my services in this department as has been shown by twenty-five elections to the office.

Should the knowledge and experience I have gained in my long term of service render my advice or assistance of any value to my successor in office, or to the city, I shall most cheerfully give it.

Respectfully submitted,

W. P. WINGATE,

Commissioner of Streets.

Bangor, March 16, 1882.

REPORT

OF THE

COMMITTEE ON GAS.

TO THE CITY COUNCIL:

The Joint Standing Committee on Gas Lights herewith respectfully submit the following annual report :

At the beginning of the present municipal year there were in use the following number of lights, viz. :

87 Globe lights, burning until midnight.

7 Globe lights, burning all night, making a total of 94 Globe.

Of Bangor Gas Lights : 71 midnight ; 25 all night, making a total of 96 Bangor Gas lights, and a grand total of 190 street lamps in all. There have been added the present municipal year, 9 Globe lights, (and one discontinued,) and there has also been added 6 Bangor Gas lights ; but of these, 5 of them were erected by an agreement with the Bangor Gas Co., whereby the city obtained the gas on the whole number of midnight lights at \$100 per year cheaper than heretofore ; so that at present there are in use 204 gas lights of Globe and Bangor Gas lights. The committee are obliged to state that they consider both the Globe and Bangor Gas lights as open to improvement, and would suggest that the city, in regard to the Bangor Gas Co., should make an arrangement whereby they could pay for the gas consumed, and light and extinguish their lamps when they please, as under the present arrangement we are probably paying at least

\$3.00 per thousand for our gas, while one hotel in the city at least is furnished at a very much less price, (we believe at \$2.00 per thousand.) In regard to the Globe lights, their lanterns are faulty, and their method of lighting is such that they often go out soon after lighted, and on very windy nights at least one-fourth of them are extinguished. We think that these lights would answer the purpose intended were they kept up to the standard, but at present are unsatisfactory for the reasons above given.

F. A. CUMMINGS,

H. W. CHASE,

Com. on Gas Lights.

REPORT

OF THE

OVERSEERS OF THE POOR.

TO THE CITY COUNCIL:

The Overseers of the Poor of the City of Bangor submit their annual report, to wit.:

RECEIPTS.

From Mayor's orders.....		\$19,138.38
From other towns, support of paupers.....	\$740 61	
Support of insane persons at Hospital.....	404 26	
Sale of wood, stumpage, etc., Orneville wood lot	692 31	
Sale of wood from old wood lot.....	97 50	
	<hr/>	\$1,934 68

A. S. SANDS, SUPERINTENDENT OF THE CITY FARM AND ALMS HOUSE.

For board of persons.....	\$553 00	
beans sold.....	112 50	
barley sold.....	31 24	
barrels sold.....	18 05	
cream sold.....	128 00	
calves sold.....	39 00	
cart wheels sold.....	10 00	
hay sold Highway Department.....	81 20	
hogs sold for pork.....	186 00	
pigs sold.....	131 00	
stock sold for beef.....	544 35	
service of stock.....	64 90	
old iron and junk.....	12 14	
labor of team.....	4 00	
vegetables.....	285 63	
sundries.....	6 40	
	<hr/>	\$2,307 41
Gross receipts.....		\$23,380 47
Total expenditures.....	\$19,138 38	
Deduct credits.....	4,242 09	
	<hr/>	\$14,896 29

DISBURSEMENTS.

Paid supplies for the alms house.....	\$3,253 68	
Burial.....	188 60	
Blacksmithing.....	18 65	
Clothing for Alms House and outside.....	693 20	
Dressing for the farm.....	155 00	
Feed for stock.....	513 63	
Fuel for Alms House.....	320 00	
Fuel and distributing outside.....	525 00	
Furniture.....	160 92	
Hardware	114 83	
Horse hire.....	50 00	
Insane Hospital.....	2,443 39	
Transportation to and from same.....	136 15	
Incidentals.....	99 28	
Medicine	190 15	
Medical assistance and paid other towns....	137 00	
Lumber and repairs.....	392 07	
Labor farm and Alms House.....	1,305 66	
Other towns and removals.....	1,082 10	
Outside supplies for paupers.....	2,954 88	
Permanent improvement.....	340 65	
Postage and stationery.....	22 50	
Salary of the Overseers.....	675 00	
Salary of Superintendent of Alms House...	600 00	
Seeds for the farm.....	50 85	
Stock purchased.....	333 00	
Tools for farm and woods.....	65 50	
Water service Alms House.....	121 00	
Orneville wood lot and labor on same.....	2,194 69	
		<u>\$19,138 38</u>

RECAPITULATION.

Appropriation	\$15,000 00	
Received from other sources.....	4,242 09	
		<u>\$19,242 09</u>
Unexpended balance.....	103 71	
Net expenses of all departments.....		14,896 29
Deduct net expenditures, wood lot.....	1,532 28	
Same, Insane Hospital.....	2,175 38	
Add also permanent improvement.....	340 65	
		<u>4,048 31</u>
Leaving the amount properly chargeable to support of paupers		\$10,847 98

When you fixed the amount of the appropriation for the Pauper Department at fifteen thousand dollars, we think you did not include the purchase of a wood lot needed for the future wants of the city, (the old one having been exhausted and sold,) but as we have been able under your instructions to do this, to the amount of fifteen hundred dollars, including suitable buildings on the same, and there has been a large increase in the expense of supporting the insane this year as compared with last, and still to be able to report a balance to the credit of the department, we trust our earnest endeavors to do this will meet your approbation.

We feel assured that the purchase of some nine hundred acres of wood and timber lands in Orneville, on the line of the B. & P. Railroad, is a timely, and will prove to be a profitable one for many years to come. The city has already received a credit to the wood lot of some seven hundred dollars, as reported above, and have on hand wood, timber, stumpage, etc., that will give an additional sum to the department the present or coming year.

CITY FARM.

The City Farm and Alms House, under the efficient management of Mr. and Mrs. Sands and their faithful assistants, has contributed largely to the support of the inmates, and also to increase the cash receipts of the department over two thousand dollars, as you will see by our statement. The dairy, which Mrs. Sands has the especial care of, has produced over thirteen hundred pounds of excellent butter, besides selling one hundred gallons of cream, and by the use of a creamer has given the inmates some eight thousand gallons of as good milk as is used by any other like establishment.

For further information as to the results of our efforts to make the *farm pay*, we refer you to the estimated amount raised, a part of which is still on hand.

IMPROVEMENTS.

Much needed and valuable improvements have been made at the City Farm the past year. The brick floors have been removed and cement and board floors laid in the basement of the house, making it more dry and healthy. The main barn has been enlarged, giving better room for the cattle; the basement excavated, making more and better room for the hogs and dressing, and a permanent stone foundation under the barn and timbers strengthened, making it a much warmer and safer place to house our valuable stock and crops.

INSANE HOSPITAL.

There has been twenty-seven persons sent from this city, supported for a longer or shorter time at the Hospital at an expense including board, clothing, and transportation, of \$2,579.54, and of this amount there has been paid back from towns and individuals \$404.26, leaving as chargeable to the city, \$2,175.28, and in view of the fact that we are obliged to take and provide for a large number at the Alms House that are discharged by order of the trustees of the Hospital before they are fully recovered, there should be better facilities for taking care of them until they are fully restored, and it is safe to send them to their homes.

MEDICAL.

The City Physician, Dr. A. W. Plummer, has met all calls for aid with promptness, and has managed his department with marked economy. Spending a smaller amount for medicine than has been expended for many years, and while there is an item reported as medical assistance, it includes amounts paid other towns for attendance on persons chargeable to the City, and to the physicians in the city employed by the Overseers of other towns for persons chargeable to their towns and paid back to the credit of the department.

WANTS OF THE DEPARTMENT.

The brook in front of the Alms House should be walled up, the most of the stone having been purchased; a refrigerator built to preserve meat and other articles, and a drying room for clothes, which are all very much needed. For further information as to the number of inmates, their condition, etc., we refer you to the annexed schedules.

Respectfully submitted,

D. W. POTTER,

Z. GROVER,

O. H. INGALLS,

Overseers of the Poor.

March, 1882.

SCHEDULE A.

A list of the names of persons who have received support at the Alms House, from March 1st, 1881, to March 1st, 1882, with their age, nation, number of days' residence, health, &c.

NAMES.	Days.	NATION.	HEALTH.	REMARKS.
Catharine Lynch,	365	Irish,	Insane,	Resident,
Michael O'Leary,	365	do	do	do
Daniel Crowley,	365	do	do	do
Margaret Evans,	43	Welch,	Poor,	Died.
Ellen M. Mason,	365	American,	do	Resident.
Lucy Doyle,	365	do	do	do
David B. Ward,	365	do	Lame,	do
Julia Thompson,	365	do	Poor,	do
Thomas Barry,	365	Irish,	do	do
John T. Martin,	92	English,	Feeble,	Died.
Annie Martin,	93	Provincial,	do	Discharged.
Julia Demeritt,	35	American,	Lame,	do
John Hennessey,	365	Irish,	Good,	Resident.
Frederick Crocker,	365	American,	Blind,	do
Phebe Baston,	365	do	Insane,	do
Mary J. Thoms,	365	do	do	do
Emily C. Palmer,	365	do	do	do
Catharine Kelley,	365	Irish,	do	do
Daniel C. Stone,	365	American,	do	do
Courtney Anderson,	265	French,	do	do
Ellen McFarland,	365	Irish,	do	do
Michael Egan,	365	do	Poor,	do
Catharine Donovan,	365	do	Insane,	do
Margaret Dowd,	281	do	do	Died.
Michael Kelley,	279	do	do	do
Stephen Welch,	365	do	Lame,	Resident.
Mary A. Welch,	365	do	Good,	do
William McCarty,	365	do	Poor,	do
Patrick Fitzsimmons,	365	do	Feeble,	do
John Bachelder,	365	American,	Blind,	do
Matthew Morrow,	365	Irish,	Feeble,	do
Michael Dunbar,	365	do	do	do
John McGurn,	365	do	Lame,	do
Samuel F. Cates,	74	American,	do	Discharged.
Owen Monagan,	138	Irish,	Good,	do
Charles Moore,	365	Provincial,	do	Resident.
Thomas Cooley,	365	Irish,	Lame,	do
John Linskey,	365	do	do	do
Michael Hennessey,	365	do	do	do
Owen Feeny,	365	do	do	do
William Smith,	357	American,	Poor,	do
Susan McGrath,	365	Irish,	Feeble,	do
Alice McCaffety,	234	do	Poor,	Discharged.
Patrick Early,	25	do	Lame,	Absconded.
Mary Higgins,	360	do	Good,	Resident,
Lizzie Higgins,	341	do	do	do
Margaret Portier,	365	French,	Lame,	do
Hugh Kennedy,	365	Irish,	Poor,	do
Henry McLellan,	365	do	Insane,	do
James N. Perkins,	30	American,	Good,	Absconded.
James Dugan,	365	Irish,	do	Resident.
Martha Scott,	365	do	Lame,	do
Daniel E. Packard,	265	American,	Poor,	do
Eliza Oak,	365	do	Lame,	do
Charles Lebelles,	365	French,	Feeble,	do
Daniel Sullivan,	150	Irish,	Good,	Absconded.

SCHEDULE A,—Continued.

NAMES.	Days.	NATION.	HEALTH.	REMARKS.
Michael Noonan,	365	Irish,	Good,	Resident.
Bartholomy Hanley,	365	do	Insane,	do
Michael Welch,	365	do	Good,	do
John Curran,	243	do	do	do
Greenaugh Colson,	36	do	do	Absconded.
Betsy Colman,	365	do	Blind,	Resident.
Ellen Niland,	365	do	Insane,	do
Margaret McAloon,	56	do	Good,	Discharged.
Martin Linskey,	121	do	Poor,	Resident.
William A. Denico,	85	American,	Good,	Absconded.
Catharine Crowley,	365	Irish,	Insane,	Resident.
James McGurvey,	365	do	Lame,	do
Mary Lavery,	365	do	Insane,	do
Catharine Martin,	365	do	Feeble,	do
Ellen Lahey,	365	do	do	do
Ellen Long,	365	do	Good,	do
Eliza Tobin,	130	do	do	Discharged.
Michael Kelley,	365	do	do	Resident.
Dennis Murry,	365	do	Blind,	do
Winnie Kelley,	365	do	Poor,	do
Michael Shean,	56	do	Good,	Discharged.
James Mitchell,	163	do	do	do
Maria Murphy,	56	do	do	do
John Dugan,	41	do	do	do
Katie Burton,	196	American,	do	do
Jennie Nicholl,	30	Colored,	do	do
Mary Swett,	152	American,	do	Resident.
Mary Duffy,	59	Irish,	do	Discharged.
Agnice Duffy,	59	do	do	do
John Gillen,	31	do	Poor,	Died.
Mary Gillen,	50	do	Good,	Discharged.
Laura M. Wilder,	50	American,	do	do
James Kelley,	62	Irish,	do	do
Catherine Connelly,	49	do	do	do
Lizzie Lynch,	61	do	Poor,	do
Harriet C. Brackett,	126	American,	Good,	do
Eugene Y. Brackett,	126	do	do	do
Portugue,	49	Portugue,	do	Absconded.
Nena Hanson	66	Swede,	Poor,	Discharged.
Hollis H. Wilder,	44	American,	Good,	do
Ira Peck,	14	do	do	do
George S. Blanchard,	55	do	do	Scooted.
John H. Dunn,	37	Irish,	Poor,	Absconded.
Bartholomy Millet,	345	do	do	Resident.
John Hadley,	48	do	do	Died.
Edgar L. Merrill,	4	American,	Insane,	Discharged.
Timothy Linnen,	149	Irish,	Good,	Resident.
Fred Myrick,	7	do	Poor,	Discharged.
Honora Mahona,	242	do	do	do
John Haley,	332	do	do	Resident.
Annie Bradley,	2	do	Insane,	Sent to Augusta.
Johana Hurley,	272	do	Poor,	Resident.
John McGuire,	82	do	Good,	Discharged.
Charles Billings,	46	American,	do	Sent to C. Home.
Henry Hammann,	9	German,	Poor,	Died.
Jacob Bruder,	3	do	do	do

SCHEDULE A,—Continued.

NAMES.	Days.	NATION.	HEALTH.	REMARKS.
John Marlow,	26	Irish,	Lame,	Discharged.
William Perkins,	60	American,	Poor,	Died.
William A. Wharton,	17	Irish,	Good,	Absconded.
Alice Morrison,	12	American,	do	Discharged.
Bridget Boylen,	229	Irish,	Poor,	Resident.
Frank Cota,	8	French,	do	Discharged.
Ellen Long,	312	Irish,	Good,	Resident.
Susan Glass,	4	do	Insane,	Discharged.
Daniel Whitney,	178	American,	Poor,	Resident.
Mary A. Roundy,	174	do	Insane,	do
W. Sullivan,	174	Irish,	do	do
James Riley,	161	do	do	Sent to Augusta.
Fred Ingalls,	1	American,	do	Discharged.
Benjamin Miller,	9	do	Poor,	do
Sarah J. Hill,	151	do	Good,	do
William Dunn,	154	Irish,	do	Resident.
Susan McLaulin,	4	do	Poor,	Died.
Alice Stockel,	6	Provincial.	Good,	Discharged.
Ellen Dinan,	81	Irish,	Poor,	do
Henry Williams,	3	American,	Good,	do
Mellville Nichols,	12	do	do	do
Orchard C. Raynolds,	120	do	Poor,	Resident.
George Warrick,	13	English,	do	Died.
Dennis Murphy,	80	Irish,	do	do
Amanda M. Miller,	10	American,	Good,	Discharged.
Newel B. Small,	110	do	Poor,	do
Michael Connelley,	97	Irish,	Lame,	Resident.
John Nolan,	25	do	do	Discharged.
Edwin Hill,	9	American,	Good,	Born at Alms H.
Olive J. Stephens,	94	do	Insane,	Resident.
Mary Dinan,	3	Irish,	Poor,	Died.
George Fay,	3	do	do	Absconded,
James Grace,	82	do	do	Resident.
James Grace, Jr.,	82	do	Good,	do
Hannah Grace,	82	do	do	do
Edward Duffy,	75	do	do	do
Delia Duffy,	75	do	do	do
Peter Burk,	63	do	Poor,	do
John C. Ladd,	6	American,	do	Discharged.
Margaret Van Meter,	61	Colored,	Insane,	Resident.
James G. Phillips,	56	American,	Good,	do
Carlton Stetson,	48	do	Lame,	do
John Jordan,	24	Irish,	Insane,	Sent to Augusta.
James Duren,	9	American,	Good,	Resident
Ada F. Duren,	46	do	do	do
George F. Duren,	28	do	do	Sent to C. Home.
Edward H. Duren,	28	do	do	do
Annie A. Duren,	46	do	Lame,	Resident.
James H. Duren,	28	do	Good,	Sent to C. Home.
Willie E. Duren,	46	do	do	Resident.
Sarah Hall,	42	do	Poor,	do
Casper Bostrup,	21	Dane,	Lost 1 eye,	Discharged.
Webster Phillips,	17	American,	Good,	Resident.
Moses Romer,	4	French,	do	Discharged.
Ellen Romer,	10	do	do	Resident.
Austin Romer,	10	do	do	do
Louisa Romer,	10	do	do	do
Preston Jones,	10	American,	Poor,	do
Ned Abbott,	5	do	Good,	Discharged.
Hiram Bickford,	4	do	do	Resident.
Ralph E. Hill,	58	do	do	Born at Alms H.

SCHEDULE.**STOCK NOW ON CITY FARM.**

3 horses, estimated value \$175.....	\$525 00	
2 oxen	175 00	
12 cows, \$50.....	600 00	
1 bull.....	75 00	
2 heifers, two years old, \$30.....	60 00	
4 heifers, one year old.....	20 00	
2 calves, \$8.....	16 00	
24 shoats, \$10.....	240 00	
3 breeding sows, \$30.....	90 00	
35 hens, 50 cents.....	17 50	
		<hr/>
		\$1,818 50

PRODUCTS OF THE FARM, ETC.

100 tons of hay, \$13.....	\$1,300 00	
20 tons of straw, \$5.....	100 00	
940 bushels of potatoes, 90 cents.....	846 00	
475 bushels of beets, 40 cts.....	30 00	
32 bushels of carrots, 20 cts.....	6 40	
10 bushels of onions, \$1.....	10 00	
18 bushels dried peas, \$2.....	36 00	
104 bushels of oats, 50 cts.....	52 00	
100 bushels of barley, 75 cts.....	75 00	
204 bushels of wheat, \$1.75.....	357 80	
80 bushels of beans, \$2.50.....	200 00	
250 bushels of apples, 40 cts.....	100 00	
5 tons of green fodder, \$6.....	30 00	
20 bushels of sweet corn, 50 cts.....	10 00	
1000 lbs. of squash, 2½.....	25 00	
700 heads of cabbage, 7 cts.....	49 00	
1315 lbs. of butter, best quality, 25 cts.....	328 75	
150 gallons of cream, \$1.....	150 00	
8000 gallons of milk used in family, 8 cts.....	640 00	
300 dozen eggs, 18 cts.....	54 00	
100 cords of manure, \$3.....	300 00	
458 cords of wood hauled.....	364 00	
150 cords cut and hauling of timber.....	225 00	
Clothing and farm utensils manufactured for Alms		
House and farm.....	260 00	
		<hr/>
		\$5,548 95

Respectfully submitted,

A. S. SANDS,

Sup't of Alms House.

OF THE

TO THE CITY COUNCIL:

Whole number of arrests—622.

The following table will show the number of arrests in each month, also the offences committed :

TABLE.

[illegible]

TABLE---Continued.

	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.
Disturbing meetings.....	1	..
Insane.....	..	2	..	..	..	..	..	1	1	..	1	1
Keeping open shop on the Sabbath.....	..	1	..	..	..	..	..	..	..	..	..	..
Interfering with an officer.....	2	..	..	..	..	..	..	..	..
Larceny.....	2	..	2	1	2	4	3	..	2	1	7	2
Larceny from person.....	1	..	1	2
Murder.....	1
Malicious mischief.....	1	3	..	5	..	..	..	..	..	1
Night walking.....	..	1	..	..	..	..	..	..	..	..	..	..
Obtaining money on false pretences.....	1	..	..	..	..	..	..	..	..	..	..	..
Overseer's warrant.....	1	1	..
Receiving stolen goods.....	..	1	..	..	..	..	..	..	..	..	..	..
Sent to Industrial School.....	..	1	..	..	..	..	..	..	..	..	..	..
Sent to Reform School.....	1	1	..	..	..	..	..	..
Safe keeping.....	9	5	1	8	5	1	9	6	..	4	1	7
Search for stolen good.....	1	..	..	..	..	..
Search for liquor.....	2	10	6	5	1	..	..	2	2	..	..	..
Single sale.....	..	2	..	..	..	4	1	..	..	..	..	..
Truancy.....	..	3	4	..	..	..	..	..	2	1	2	4
Taking rum from constable.....	2	..	..	..	..	..	..	..
Trucking without license.....	2	..	..	..	..
Violating City Ordinance.....	4	..	..	..
Playing ball on the Sabbath.....	..	1	..	..	..	..	..	..	..	..	..	..

TOTALS.

Assault and battery.....	45
Assault on an officer.....	7
Assault with intent to commit rape.....	1
Assault with intent to kill.....	2
Adultery.....	4
Affray.....	6
Breaking and entering.....	5
Breaking glass.....	2
Common drunkard.....	1
Drunkenness.....	303
Disturbance.....	15
Drunk and disturbance.....	36
Disorderly conduct.....	10
Disturbing schools.....	3
Disturbing meeting.....	1
Interfering with an officer.....	2

Insane	6
Keeping open shop on the Sabbath.....	1
Larceny.....	26
Larceny from person.....	2
Murder.....	1
Malicious mischief.....	16
Night walking.....	1
Obtaining money on false pretenses.....	2
Overseer's warrant.....	2
Receiving stolen goods.....	1
Sent to Industrial School.....	1
Sent to Reform School.....	2
Safe keeping.....	63
Search for stolen goods.....	1
Search for liquor.....	28
Single sale.....	7
Truancy.....	10
Taking rum from constable.....	2
Trucking without license.....	2
Violating City Ordinance.....	4
Playing ball on the Sabbath.....	1

622

The whole number of arrests made for drunkenness and drunken disturbance is three hundred and thirty-nine (339), but the real number of persons causing the arrests, is about two hundred and seventy-five (275), for the reason that many of them are arrested from two to five times.

NUMBER OF TRAMPS LODGED.

March.....	13
April.....	7
May.....	16
June.....	10
July.....	6
August.....	6
September.....	0
October.....	7
November.....	26
December.....	6
January.....	6
February.....	8

111

Four persons have been sent to the Insane Asylum.

Two persons have been arrested on an Overseer's Warrant and delivered to the keeper of the Alms House.

FINANCIAL.

CR.

Appropriation	\$7,000 00	
Amount of cash paid City Treasurer by Police		
Court	754 00	
Same, by County Treasurer	915 38	
Same, by City Marshal	209 46	
Overdrawn	325 30	
		\$9,204 14

Showing the nativity of persons arrested.

Nativity.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	Grand Total.
England.....			3				1						4
Germany.....								1	1				2
Ireland	10	6	4	5	3	8	8	14	7	6	1	5	77
Mexico									1				1
Scotland	2		3	3	1		4		1		2	2	18
Denmark.....							1						1
New Brunswick.....	13	9	14	4	5	5	6	7	4		6	2	75
United States.....	31	50	27	44	30	33	33	38	48	19	24	30	407
	56	65	51	56	39	46	52	61	62	25	33	39	585

The number of places of business found by the night Police unlocked and exposed and taken in charge by Police

On the East side.....	52
On the West side.....	67

119

Nineteen persons have been arrested on search and seizure warrants. They were each fined one hundred dollars and cost.

Nine search warrants have been served and nothing found. Seven persons have been arrested for single sale and fined

\$30.00 and cost of prosecution ; each one appealed and gave bonds.

The amount of liquor taken on search and seizure warrants and destroyed is ninety-five gallons.

The work of the department has been performed by a City Marshal, nine regular Policemen and three specials, located as follows: One on the Hampden road, one on State street, and one on the wood stand and vicinity by night.

The police force is divided as follows: three men by day, and eight by night, and one from twelve o'clock A. M. until eleven o'clock P. M. The day men come on duty at seven A. M. and go off at six P. M. Six of the night police come on duty at six P. M. and go off at four A. M. ; the remaining two come on duty at nine P. M. and go off at seven A. M.

To His Honor Mayor Strickland I wish to extend my sincere thanks for the aid he has given this department.

To His Honor Judge Brett, to City Solicitor Vose, to the Committee on Police, and to the other members of the City Government, I am gratefully obliged for courteous assistance always extended to me in the discharge of my official duties.

Respectfully submitted,

WILLIAM F. REED,

City Marshal.

REPORT

OF THE

TRUANT OFFICER.

BANGOR, March 11th, 1882.

TO THE CITY COUNCIL :

Gentlemen—I herewith submit my fourth annual report of the Truant Department for the year ending March 1st, 1882 :

I think the attendance at most of the public schools during the year past has been very good. No complaint has come to me of truancy that has not been promptly attended to.

Whole number of notices served on parents of truant children.....	96
Arrested and discharged on promise to amend.....	16
Disturbing schools.....	3
Sentenced to Reform School for truancy.....	2
Found loitering on the street and returned to school.....	7

I take this opportunity to express my thanks to S. P. Bradbury, School Agent, for many favors shown me while discharging the duties of this office.

Respectfully submitted,

WM. F. REED,
Truant Officer.

REPORT

OF THE

CITY SOLICITOR.

TO THE CITY COUNCIL:

As required by an ordinance of the city, I respectfully submit the following report of the legal proceedings in which the city has been interested since March 22d, 1881:

The following cases were pending at the date of my last report, March, 1881, and as their history may be found in that and preceding reports, it is only necessary for me now to state what disposition has been made of them during the past year:

George Stetson & al., appellants, vs. City of Bangor. At the April term of Court the testimony was taken before a jury, and then continued on report to the Law term, held in June last, at which term it was argued. I have never had any doubt of the result.

William Smyth et ux. vs. City of Bangor. The Law Court set the verdict aside, and at the October term the plaintiffs became "nonsuit."

City of Bangor vs. Inhabitants of Madawaska. The opinion of the Law Court was in favor of the position taken by the city, and by agreement, the action was to stand for trial, and will be disposed of at the April term, next.

City of Bangor vs. Inhabitants of Brewer. Same vs. City of Belfast. After an investigation, the Overseers of Brewer became satisfied that the pauper had his settlement in their

town, and a default was entered in that case and "Neither Party" in the action against Belfast.

Michael and Ann McPhee vs. City of Bangor. At the April term the plaintiffs became "Nonsuit."

City of Bangor vs. Noah L. Freeze. At the April term the defendant was defaulted.

City of Bangor vs. Rising Virtue Lodge No. 10, Bangor. At the October term the parties agreed upon a statement of facts to be submitted to the Law Court, before which it is now pending, having been submitted on written briefs.

Paul Pooler vs. William E. Reed. Same vs. William Weymouth. At the April term a statement of facts was agreed upon to present to the Law Court the following June in the first named case.

The question presented to the Court was as follows : Mr. Reed was elected City Marshal and Constable on the fourth Monday of March, 1880, and accepted the offices, and was duly qualified. In the May following he was appointed and commissioned a Justice of the Peace and accepted that office. The trespass complained of was committed June 16, 1880. Was the acceptance of the last named office incompatible with the two former offices? The Court have decided that it was. The remaining question for the jury, is the amount of damages the plaintiff is entitled to recover. It would seem that it could be nominal, only. The action against William Weymouth was entered "Neither Party" at the September term of the court.

NEW ACTIONS.

City of Bangor, Complainant in Equity, vs. the Bangor and Piscataquis Railroad Co. and Moses Giddings and John S. Ricker, Trustees. This was a Bill in Equity praying for the appointment of a Receiver to take possession of the defendant Company's railroad and complete it to the foot of Moosehead Lake. A preliminary hearing was had before

Hon. Artemas Libbey, at which hearing the petitioner was allowed to amend the bill and make the "second mortgage" bondholders parties, and they came in and were represented at the hearing. Two of them filed a demurrer to the bill, the others filed answers. The Court sustained the demurrer and adjudged the bill bad as matter of law, and denied the prayer of the petitioner. The complainant filed exceptions which were allowed, and the case goes to the Law Court.

Inhabitants of Winterport vs. City of Bangor. This is an action to determine the pauper settlement of one Grace Thorne. The Overseers of the Poor deny that the settlement of the pauper is in Bangor, and claim that it is in the town of Brewer, against which an action is also pending for the same cause. It will probably be disposed of at the next April term in Waldo county, where both actions are pending.

City of Bangor vs. Susan Dolan. This is a suit to recover certain taxes assessed against the defendant for three years past.

Ann Jane Ross vs. City of Bangor. This is an action to recover damages suffered by reason of an alleged defect in the sidewalk near the lower end of Boyd street, on the twenty-sixth day of July last. The suit was entered in the January term of the Court, and will probably be ready for trial at the next April term.

Benjamin A. Burr & al., appellants from decision of the County Commissioners, vs. City of Bangor. This is to determine the amount of damages suffered by the appellant by reason of the taking of one acre and one twenty-one one-hundredths of an acre of his land by the city for the protection of the east end of the dam at Treat's Falls, or rather an easement in so much of his land. Upon a personal examination of the premises by, and a full hearing before, the County Commissioners, that Board awarded the appellant one hundred and twenty-five dollars, and it is from that

award he appeals to a jury, under chapter eighteen of the Revised Statutes.

City of Bangor vs. Inhabitants of Wiscasset. This is an action for support of Louisa Gould, in the Insane Asylum. The facts are not in dispute, but the defendants raise a question of law. The facts have been agreed upon and the case goes to the Law Court in June next.

THOMAS W. VOSE,
City Solicitor.

Bangor, March 18, 1882.

REPORT

OF THE

HEALTH OFFICER.

TO THE CITY COUNCIL:

I respectfully submit to your honorable body the following annual report for the year ending March, 1882:

Notwithstanding the unfavorable condition of the atmosphere the greater part of the year, as regards dampness and other causes beyond human control, yet no epidemic has prevailed to any extent, and our standard of public health still maintains its position in the foremost rank of our sister cities. In order to continue this high standard during the coming year, we must remember that constant official vigilance is required, supplemented by that degree of respect and observance of the ordinances, rules and regulations of health, that has characterized our people during the past year.

Sanitary labor is a ceaseless, ever-recurring routine, and the past year has been no exception to the general rule: in addition to the large amount of the usual sanitary work that is necessary to be done each year by private and public enterprise, the city has, in beginning the sewer upon Meadow Brook, and the extension of the sewer on Sanford St., laid the foundation of a noble work that will benefit not only the present but future generations, and I trust additions will be made from year to year until these sewers are completed. They are the natural channels for the drainage of a large

area of territory, and although as our city increases, the drainage into them will continually increase, yet if continued as they are begun, all the sewerage will be carried off that will ever be discharged into them. These sewers will not only serve to protect the health of our people but will increase the value of property in those localities, and through this increase in valuation, the city will in time be paid for the expense of said sewers.

Considerable complaint has been made during the past year, because there are no public urinals or water-closets. I will leave it for you to consider whether it would not be better and cheaper in the end to make some suitable provision in this respect for the public, than to try to continue without any.

A few local sewers are needed to be built the coming year, and your attention will be called to them in the usual way, but I wish particularly to call your attention to the large amount of drainage that is being constantly poured into Kenduskeag Stream. In order to give some idea of the vast territory that pours its sewerage into said Stream, I give below a list of the streets that now drain either directly or indirectly into it, on the east side :

Grove street, from Garland street to Stillwater Avenue ;
Essex street, from Cumberland street to Stillwater Avenue ;
French street, from Garland street to Meadow Brook ;
Garland street, from Pine street to Centre street ;
Centre street, from Cumberland street to Meadow Brook ;
Centre street, from Congress street to Meadow Brook ;
Jefferson street, from Norfolk street to Centre street ;
French street, between Garland street and Cumberland street ;
Harlow street above Kenduskeag Avenue ;
Harlow street, between Curve street and Meadow Brook ;
Kenduskeag Avenue ;
Prentiss street ;
Pine street, between Cumberland and Somerset streets ;
Somerset street, between Pine street and Centre street ;
Cumberland street, between Essex street and Centre street ;

Centre street, between Cumberland street and Somerset street ; Spring street ; Harlow street, from Cumberland street to Franklin street ; Prospect street ; Centre street, from Prospect street to Harlow street ; Penobscot street, from Essex street to French street ; French street, from Somerset street to State street ; East Market Square ; Pine street, from Penobscot street to State street ; Grove street, from Somerset street to State street ; Essex street, from Somerset street to State street ; State street, from Grove street to Exchange street ; Exchange street, from State street to Hancock street ; York street from Broadway to the Stream ; Hancock street, from Oak street to the Stream.

On the west side :

Ohio street, from Children's Home to Bower street ; Bower street ; Everett street, from Court street to the Stream ; Everett street, from Ohio street to Court street ; Court street, from Ohio street to Hammond street ; Ohio street, from Thomas street to Hammond street ; Thomas street ; Hammond street, from Fifth street to the Stream ; Columbia street, between Middle and Union streets ; Middle street ; Cross street ; Union street, from Second street to Main street ; Main street, from Union street to Hammond street ; Water street ; Pickering Square ; Mercantile Square ; Union street, from James street to Hammond street ; First street.

It must be remembered that many of our back streets, which now have no sewer, will be added to this list, and that each year must increase the amount of sewerage that will find its way into the Stream. With the large amount of organic substance that is contained in all sewerage matter of this description, just think for a moment, what a center of putrefaction this Stream must be, and particularly in the summer, when the water is low and between tides, what a mass of corruption to be wafted throughout the business part of the city, inhaled by thousands of lungs, and only waiting for the introduction of some germ of disease to

breed a pestilence ; for the laws of hygiene can not be violated continuously without disaster to the public health. Other cities are turning their attention to scientific measures and regulations to promote their health standard. Although the sewerage of Boston was distributed over a line of many miles and into the harbor where the tide is twelve or fifteen feet, it became so great a nuisance, that a large tunnel was built to remove the discharge many miles down Massachusetts Bay. The City of Memphis had running through it, an open channel of water, and receiving in a similar manner to Kenduskeag Stream, a large portion of the drainage of the city. For years they escaped, and three days before the yellow fever reached them in 1878, the officials assured the inhabitants that "Memphis never would have yellow fever in an epidemic form," yet in seventy-two hours the pestilence lighted in that stream and cost the city, besides the immense sacrifice of human life, millions of dollars ; then they built proper sewers regardless of expense.

Our whole system of sewers, from Curve street down Exchange street to tide-water, is defective, and not worth the materials of which they are constructed ; they are too small, and are being filled up by the sand and dirt that is washed down into the flats from the higher localities adjoining. It is only a few years ago that considerable damage was done in this locality, by the accumulation of water backing into the cellars in the spring, which would have been avoided had a proper sewer been previously constructed. There is no sewer for the buildings on the west side, and also for many on the east side of Harlow street to enter ; in fact, the whole flat is an excellent medium for engendering and spreading disease, as the ground is saturated with a malarial composition, resulting from the surface drainage from water-closets, private drains, etc.; and, with a few exceptions, no means to convey said drainage except as it drips through the land into the Stream.

To remedy the evil that exists in the Stream and the low land adjoining, and to complete our system of sewerage, two seven foot sewers, with man-holes in every two hundred feet, should be built; one on the east side of the Stream, from tide-water up Exchange, Harlow, Curve and Market streets to connect with Meadow Brook sewer, taking the sewerage from said Brook and from the different streets that now drain into the Stream, and affording a thorough system of under-ground sewerage, not only for present necessities but also for the future growth and development of the city; the other on the west side, from tide-water up Broad street, through West Market Square to the foot of Hammond street hill, relieving the Stream of the drainage upon that side.

I am aware that the matter of cost will obtrude itself, but it is only a question of time when it must be done. Many ancient and modern cities have learned too late to save life, that neglect of sanitary laws is far more expensive than an observance of those laws. We must calmly and intelligently look into the future welfare of our city, decide what is right, then direct all our energies and expenditures in the direction for a permanent improvement.

I also desire to call your attention to the fact, that representing as we do a large marine district, and owing to the large amount of travel to and from infected parts, we are liable at any time to become exposed to epidemic diseases brought here by marines, because no suitable building is provided for a marine hospital. We need one near tide-water, away from the business part of the city, prepared to receive and care for the sick marines brought here. Now, would it not be well for the City Government to petition Congress for an appropriation for said hospital, and also ask our honored Senators and Representatives in Congress to use their influence for the same?

Respectfully submitted,

HENRY GALE,

Health Officer.

Bangor, March, 1882.

REPORT

OF THE

CITY AGENT.

TO THE MAYOR AND ALDERMEN OF THE CITY OF BANGOR :

I herewith submit a statement of the business done at the Agency in Bangor, for the sale of spirituous liquors, from March 11, 1881, to March 11, 1882 :

DR.

1881. March 11.		
To cash on hand at last report.....	\$153 28	
stock and fixtures on hand.....	1,068 55	
1882. March 11.		
To paid State Agent, as per invoices.....	9,177 41	
paid incidental expenses.....	437 92	
paid salary of Agent.....	500 00	
water tax, (by City Treasurer).....	5 00	
rent due to date.....	38 50	
profit on sales.....	1,265 62	
	<hr/>	12,646 28

CR.

1882. March 11.		
By amount paid J. L. Crosby, City Treasurer...	11,350 00	
By stock and fixtures on hand.....	1,225 60	
By cash on hand.....	70 68	
	<hr/>	12,646 28
1882. March 11.		
Sales to citizens of Bangor during the year.....	6,960 42	
Sales to citizens of other towns.....	4,306 98	
	<hr/>	\$11,267 40

Respectfully submitted,

EDWARD JORDAN,

Agent.

Bangor, March 18, 1882.

REPORT

OF THE

CITY PHYSICIAN.

TO THE HONORABLE MAYOR AND CITY COUNCIL:

Gentlemen: During the eleven months that I have served as physician to the poor, there has been about the usual amount of sickness and number of deaths, yet a fair share of health and comfort has been enjoyed by the inmates of the Alms House, as well as by those receiving city aid in private families.

As far as their wants have been known, I believe that none have suffered on account of a lack of food, fuel, clothing or medical attention. No doubt there are some worthy ones, who, being too proud to beg, have suffered physically for want of aid, while we know that some unworthy have demanded and received attention. If some means of investigation could be instituted whereby the true subjects of charity could be known and due attention given them whether sought or not, much more good would be done than by the present method of begging for help. All who now receive alms may be subjects of charity, but charity is not satisfied when it enters a dwelling and is asked through an atmosphere of vile beverages for food, fuel or medicine, as is too often the case.

You, gentlemen, well know the condition of the Alms

House. It is not to be condemned by any means, very far from it, still it is not arranged wholly on sanitary principles. The men's sitting room which is occupied by thirty or forty men much of the daytime and all the evening, contains only five thousand one hundred cubic feet of air, a sufficient amount, if pure, to last them one-third of an hour; and the largest room in their hospital, with three beds occupied almost constantly, day and night, contains two thousand one hundred and thirty-seven cubic feet of air, sufficient to supply them one and two-thirds hours, and they can have no more pure air, except by opening doors or windows, which are at the sides of the beds. Just think of these circumstances which only illustrate pretty much the whole house, and say what invigoration can the inmates receive from breathing such air. Would it not be humane to supply better means of ventilation, if not more room?

"Cleanliness is next to Godliness," but how can it be had here with over-crowded rooms and no means for good ventilation? I am only surprised that the apartments are kept as clean and supplied with as good air as they have been during the past year. I would suggest the propriety of supplying a bath room to each of the hospital departments.

It may truly be said that the Alms House provides a more comfortable home than many of the inmates have previously had, yet that should be no excuse to making the provision as comfortable as health demands.

I believe that the inmates receive wholesome food, and am sure that the sick get better food and better prepared than do the most of the out patients.

In the female wards there is always some one who can act as nurse, but this is not true of the male wards. The able-bodied men have to do out-door work, and it is rarely possible among the rest to find one suitable to attend to the sick. During the year until December, no nurse was had

in the male wards, and his duties were divided among Assistant Matron, whom certainly could not be expected to act in that capacity, and the Superintendent, who has other cares, sufficient to more than occupy his attention, and the physician, who is not salaried to that extra duty. In the case of Mr. Perkins, who died of Lupus, his disease had to be dressed once or twice a day for eight weeks work for a nurse, but with none, the physician made daily visits. In December, Mr. Duffy came into the house and since that time he has made himself very useful and manifests some experience as hospital nurse. I would recommend that he be paid a compensation and retained.

The city is supporting patients in private families, at the Alms House, and at the Insane Asylum, who are mentally deranged and yet harmless; some will remain the same until death, some may become worse, and many may improve and be useful citizens, could they have a quiet, pleasant home for rest and treatment. Would it not be a deed of charity, worthy of consideration, to provide them such a home in some favorable location in the city; and indeed an act of economy?

It will be a source of comfort to many of the inmates of the Alms House if citizens who have reading matter, daily, weekly or monthly periodicals, that they have perused and care but little for, would donate the same to them, through the Superintendent or some one else connected with the house.

My statistical report for the eleven months stands as follows :

At Alms House—142 visits, 639 prescriptions, 75 different persons treated, \$762 charged, 12 deaths, 1 birth.

For out patients—251 visits, 87 office calls, 56 different persons treated, \$711 charged, 4 deaths, 0 births.

Of the above charges, the city has received \$295.50. The city has paid for counsel and extra medical services, \$166,

leaving a balance in the city's favor, of \$129.50. Medicine bill for Alms House, (outside medicine furnished by physician), \$121.94; liquor bill for same, \$17.20.

The city has been blessed by the exemption from epidemics.

I am indebted to those in authority over the Alms House, and at the Alms House, for the kind and ever ready assistance they have tendered me in my duties.

Respectfully submitted,

AMOS W. PLUMMER,

City Physician.

Bangor, March, 1882.

REPORT

OF THE

COMMITTEE ON CITY PROPERTY.

To THE CITY COUNCIL :

The Joint standing Committee on City Property respectfully submit the following as a full schedule of all property belonging to the City of Bangor, viz :

Lot on corner of Columbia and Hammond streets.

City Hall, lot and buildings.

Common, Lime street.

Common, Broadway.

City Farm and buildings thereon.

One Powder House, City Farm.

Lot for Park, corner Cedar and Main streets.

Union Square, between Union and May streets.

School house lot on Essex street, adjoining the Hill Farm.

One gravel lot on Pine street.

do near Merrill's Mills.

do Essex street.

do Court street near City stables.

do between old Levant road and Valley avenue,
near Kossuth street.

One undivided half of house lot on Lincoln street, 6,400
feet of land.

One lot on Spring street.

Centre Park.

School houses and lot Abbot Square.

Grammar school house and lot corner of Union and Fourth
streets.

1 school house and lot on Bower street.

1	do	do	Cedar street.
1	do	do	Centre street.
1	do	do	City Farm.
1	do	do	Division street.
1	do	do	Grove street.
1	do	do	Hancock street.
1	do	do	Larkin street.
1	do	do	Lime street.
1	do	do	Main street.
1	do	do	Pearl street.
1	do	do	Prospect street.
1	do	do	Salem street.
2	do	do	State street.
1	do	do	Third street.
1	do	do	Thomas' Hill.
2	do	do	Union street.
1	do	do	York street.
1	do	do	West Bangor.
1	do	do	Avenue district.
1	do	do	Bagley district.
1	do	do	Central district.
1	do	do	Finson district.
1	do	do	Fuller district.
1	do	do	Hillside district.
1	do	do	Mount Hope.
1	do	do	North Bangor.
1	do	do	Odlin district.
1	do	do	Sherburne district.
1	do	do	Six Mile Falls district.
1	do	do	Stillwater Avenue.
1	do	do	Tyler district.

1 school house lot on Pine street.

Furniture in City Hall.

Law library, theodolite, transit and steel tape.

Fire and burglar-proof safe in Treasurer's office.

Safe in School Agent's room.

Receiving tomb at Mount Hope.

Cemetery lot at Mount Hope.

Cemetery lot on Finson road.

do do Maple Grove, Glenburn road.

do do Carmel road, Pine Grove.

Three old hearses and harnesses complete, with wheels and runners.

One new hearse purchased this year for Finson Road Cemetery.

Property belonging to Fire Department.

One engine house and lot on Harlow street.

One building on Columbia street used for Police Court and offices.

For schedule of property belonging to Fire Department, see report of Chief Engineer.

For schedule of property at Alms House, see report of Overseers of the Poor.

For schedule of property belonging to Street Department, see report of Street Commissioner.

Dam and Water Works at Treat's Falls.

For schedule of property belonging to the City in use by Water Board, see their report.

Lot purchased last year at Orneville, Piscataquis Co., for wood lot.

F. A. CUMMINGS,

S. J. FINSON,

BYRON ROBERTS,

Committee on City Property.

Bangor, March 17, 1882.

CITY GOVERNMENT,

1882-83.

CITY COUNCIL.

MAYOR, LYSANDER STRICKLAND.

ALDERMEN.

Whitman M. Thayer,
Frederick A. Cummings,
James Adams,
Moses G. Rice,

Charles L. Marston,
Llewellyn J. Morse,
Joseph F. Snow.

VICTOR BRETT, City Clerk.

COMMON COUNCIL.

HORACE W. CHASE, President.

OTTO F. YOUNGS, Clerk.

Ward 1.

George Hogan,
Isaac R. Clark,
James H. Gillespie.

Ward 2.

Terence F. Cassidy,
Aaron L. Simpson,
James E. Rogers.

Ward 3.

Henry G. Thompson,
Henry O. Pierce,
Thomas A. Davis.

Ward 4.

Albert Bean,
William H. Edmunds,
Ralph K. Jones.

Ward 5.

Harvey L. Jewell,
Francis Garland,
Albert W. Dudley.

Ward 6.

William H. Harlow,
Horace W. Chase,
Jeremiah S. Bartlett.

Ward 7.

James H. Haynes,
George W. Maxfield,
Martin J. Madden.

CITY OFFICERS,

1882-83.

WARD OFFICERS.

WARDENS.

Ward 1.....	Matthew O'Brien.
Ward 2.....	William King.
Ward 3.....	John F. Foster.
Ward 4.....	John T. Bowler.
Ward 5.....	Charles A. Lyon.
Ward 6.....	Erastus O. Pendleton.
Ward 7.....	William Conners.

WARD CLERKS.

Ward 1.....	Patrick E. McAloon.
Ward 2....	Richard P. Moore.
Ward 3.....	George W. Sullivan.
Ward 4.....	Alonzo W. Emery.
Ward 5.....	Wilfred E. Mansur.
Ward 6.....	Hugh R. Chaplin.
Ward 7.....	Frank L. Phillips.

OFFICERS ELECTED BY THE CITY COUNCIL.

City Clerk—Victor Brett.

Treasurer and Collector—John L. Crosby.

Street Commissioner—Alonzo K. Rollins.

Chief Engineer of Fire Department—Otis D. Maddocks.

City Physician—A. W. Plummer.

City Solicitor—Thomas W. Vose.

City Engineer—Thomas W. Baldwin.

City Marshal—William F. Reed.

Harbor Master—John J. Flynn.

Health Officer—Henry Gale.

Superintendent of Sewers—Thomas W. Baldwin.

School Agent—S. P. Bradbury.

Truant Officer—William F. Reed.

Pound Keeper—Lawrence Timmons.

Assessors—Thomas S. Moor, for three years ; Charles Ames, for two years ; Silas C. Hatch, for one year.

Overseers of Poor—David W. Potter, Oliver H. Ingalls, Zebulon Grover.

Cemetery Board—Joseph S Wheelwright, Albert W. Paine, Isaac M. Bragg.

Constables—William F. Reed, Leonard M. Walker, James Mayhew, Horatio N. Hatch, Thomas F. Allen, S. Gordon.

School Committee—James D. Maloney and Henry Lord, for three years ; Richard Kelleher, for two years ; Richard L. Howard and Daniel A. Robinson, for one year.

Street Engineers—Charles L. Marston, James E. Rogers, T. W. Baldwin.

Surveyors of Lumber—F. J. Cummings, Geo. W. Vickery, W. L. Morse, James D. Shaw, Joseph E. Kent, J. H. Crosby, Patrick Cox, H. G. Thompson, Wm. E. Lord, E. S. Thompson, Daniel L. Hoyt, Frank C. York, Chas. E. Perry, O. W. Straw, J. E. Stockwell, James Gibbons, J. A. C. Mason.

Fence Viewers—Alvah Osgood, S. F. Fuller, M. L. Mills, A. S. Sands, L. I. Kittredge.

Field Drivers—Elijah Page, George W. Stevens, Geo. Waterhouse, Asa Woodruff, H. C. Rackliff, A. S. Sands, Philip Richardson, Perry Barnes, H. R. Legro, D. W. Dickey, Dudley Bean, P. G. York.

BANGOR WATER BOARD.

Lysander Strickland, Mayor, *ex officio*.

Geo. W. Snow, Clerk and Collector.

John L. Cutler.....Term expires, March, 1885.

Silas D. Jones.....Term expires, March, 1885.

Hiram B. Williams.....Term expires, March, 1884.

Hiram H. Fogg.....Term expires, March, 1884.

Thomas W. Vose.....Term expires, March, 1883.

William Conners.....Term expires, March, 1883.

DIRECTORS OF B. & P. R. R.,

(elected at regular meeting in March,) Albert G. Wakefield, Thomas S. Moor, Charles L. Marston, William B. Hayford.

DIRECTORS OF E. & N. A. RAILWAY,

(elected at regular meeting in November,) John S. Ricker, Chas. P. Stetson, Henry N. Fairbanks.

OFFICERS APPOINTED BY THE MAYOR AND ALDERMEN.

Policemen—Sylvester Gordon, Wm. Weymouth, James Nickerson, Daniel J. Colson, Charles E. McCoy, Patrick J. Doherty, Thomas F. Allen, Allen H. C. Rice, Alvin Reed.

Special Policemen—W. S. Costigan, J. T. Mayville and Frank C. Maxfield.

Measurers of Wood and Bark—James D. Shaw, Levi B. Patten, J. H. Robinson, Joseph Page, D. A. Garland, H. P. Oliver, John A. Bacon, H. B. Stewart, Isaac M. Currier, J. A. C. Mason, H. T. Clark, E. H. Cass, Wm. E. Lord, Orison Rogers, Harris Bailey, Isaac Grover, Henry F. York, Frank Ingalls, O. W. Straw, A. O. Stewart.

Public Weighers and Gaugers—Joseph E. Kent, Frank Hight, Charles H. Huckins, John F. Woodman, C. E. Field, A. H. Babcock, Gilman Cram, John A. Bacon, Harris Bailey, Patrick Gillispie, W. H. Bradford, L. Smythe, Timothy Murphy, Jerry Connors, J. McManus, E. S. Bowler, Elbridge C. Hincks, Charles L. Snow, H. H. Hunting, Edward Fisher, Jere Angley, H. W. Chase, F. W. Durgin, O. H. Ingalls, E. H. Cass, John G. Riley, Wm. King, C. A. Page, Wm. S. Pearson, Jas. Gibbons, J. Frank Leavitt, Frank L. Goodwin, Ambrose S. Church, Jas. E. McCann, Gilbert N. Jones, C. B. Thatcher, Fred T. Palmer, C. Y. Eaton, John Saunders, Geo. E. Jewett, C. A. Cummings, A. P. Clark, Isaac E. Clark, John C. Hall.

City Agent—Edward Jordan.

Sealer of Weights and Measures—Jonathan Burbank.

Undertakers—For Mount Hope, T. J. Cole; for Mount Pleasant, Patrick Quinn; for Oak Grove, Wm. H. Fogg; for Maple Grove, John F. Jordan; for Pine Grove, Samuel B. Knowles.

Assistant Engineers—(Appointed by Chief, and approved by Mayor and Aldermen,)—John Mason, S. A. Fellows, J. F. Maloney.

Engineer of Steamers—(Appointed by Chief and approved by Mayor and Aldermen,) Joseph E. Merritt.

Assistant Assessors—(Appointed by Assessors, and approved by Mayor and Aldermen,)—Ward 1, A. Kirkpatrick; Ward 2, James Mayhew; Ward 3, D. E. Costellow;

Ward 4, Hosea R. Legro ; Ward 5, A. O. Stewart ;
Ward 6, Charles P. Hodgkins ; Ward 7, Wm. E. Lord.
Special Policemen without Pay—(Appointed by the Mayor,) Colin L. Downs, N. B. Williams, Amos L. Colson, Wm. Patterson, George Dunton, Noah Dearborn, Thomas Nye, Jr., A. S. Sands, Heman N. Bartlett, E. H. Cass, John Dunroe, John C. Hinckley, F. D. Matheas, Z. Grover, John Goldthwait.
Bell-Ringer—(Appointed by Mayor,)—T. A. Heiskell.
Superintendent of Clocks—(Appointed by Mayor,) Henry R. Cowan.

JOINT STANDING COMMITTEES.

ON FINANCE.

Alderman Adams, Councilmen Garland and Simpson.

ON ACCOUNTS AND CLAIMS.

Alderman Snow, Councilmen Edmunds and Pierce.

ON STREETS AND HIGHWAYS.

Alderman Marston, Councilmen Dudley and Rogers.

ON SCHOOLS.

Alderman Adams, Councilmen Harlow and Haynes.

ON FIRE DEPARTMENT.

Alderman Morse, Councilmen Cassidy and Gillespie.

ON PAUPER DEPARTMENT.

Alderman Rice, Councilmen Jewell and Clark.

ON WATER.

Alderman Thayer, Councilmen Bartlett and Hogan.

ON GAS LIGHTS.

Alderman Cummings, Councilmen Bean and Maxfield.

ON CITY PROPERTY.

Alderman Cummings, Councilmen Jones and Thompson.

ON BY-LAWS AND POLICE REGULATIONS.

Alderman Morse, Councilmen Davis and Madden.

STANDING COMMITTEES IN BOARD OF AL-
DERMEN.

ON ENGROSSED ORDINANCES AND RESOLUTIONS.

Aldermen Marston and Snow.

ON CITY AGENCY.

Aldermen Adams and Morse.

ON SEWERS.

Aldermen Rice and Marston.

ON ELECTIONS AND RETURNS.

Aldermen Morse and Thayer.

STANDING COMMITTEES IN BOARD OF COMMON
COUNCIL.

ON ELECTIONS.

Messrs. Pierce, Bartlett and Rogers.

ON CONTINGENT EXPENSES.

Messrs. Bartlett, Pierce and Cassidy.

ON ENGROSSED ORDINANCES AND RESOLUTIONS.

Messrs. Jones, Harlow and Maxfield.

SALARIES OF SUBORDINATE OFFICERS.

	1882.
Mayor.....	\$500 00
City Clerk.....	700 00
Clerk of Common Council.....	100 00
City Marshal, including horse hire for department.....	900 00
Policemen, each	600 00
Street Commissioner.....	700 00
City Solicitor.....	400 00
Chief Engineer of Fire Department.....	300 00
Assistant Engineers, each.....	75 00
Harbor Master.....	150 00
Truancy Committee.....	100 00
Health Officer.....	300 00
City Treasurer.....	500 00
Collector of Taxes, on amount of money actually collected for taxes, and paid into the Treasury.....	$\frac{3}{4}$ of 1 per cent.
Overseers of the Poor, Secretary.....	300 00
“ “ “ each of the others.....	200 00
Same, horse hire for the board.....	50 00
School Agent, including horse hire.....	750 00
Street Engineer, including horse hire, Chairman.....	100 00
Same, Assistant.....	50 00
School Committee, each.....	50 00
Same, horse hire for the board.....	60 00
Engineer of Steamers.....	300 00
City Physician, including horse hire.....	250 00
City Agent.....	500 00
Superintendent of Sewers, per day.....	4 00
“ “ “ horse hire.....	100 00
City Engineer, per day, including office rent.....	4 00
Assessors, per day, each.....	3 50
Assistant Assessors, per day, each.....	2 00
City Auditor, per day.....	3 00
Clerk of Water Board.....	600 00
Inspector.....	800 00
Engineer of Water Works, including Assistant.....	1,350 00

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